

Diary.

1912.

85

SBv 97.41.1(24)

William Brewster,
145 Brattle St.
Cambridge,
Massachusetts,
U.S.A.

If this diary is lost
and found the finder
will be suitably rewarded
for restoring it to me
at the above address.

My foreign address is
in care of Brown, Shipley &
Co. Pall Mall, London.

THE
STANDARD

DIARY



For Sale by All Stationers.

PUBLISHED BY
THE STANDARD DIARY CO

FOR IDENTIFICATION.

My Name.....

My Residence.....

My Business Address.....

My Home Telephone.....

My Office Telephone.....

In case of accident or serious illness please notify

The make of my Automobile.....

Its number

Number on case of my Watch

Number of the works.....

Number of my Bank Book

My Weight was.....

On

and my Height.....feet.....inches

Size of Hat.....Gloves.....

" Hosiery.....Collar

" Cuffs.....Shoes.....

" Shirt.....Drawers.....

CALENDAR.

1912

JAN.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	JULY.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	1	2	3	4	5	6		..	1	2	3	4	5	6
	7	8	9	10	11	12	13		7	8	9	10	11	12	13
	14	15	16	17	18	19	20		14	15	16	17	18	19	20
	21	22	23	24	25	26	27		21	22	23	24	25	26	27
	28	29	30	31	..	..	..		28	29	30	31	..	..	..
	..	..	..	..	1	2	3		..	..	..	..	1	2	3
FEB.	4	5	6	7	8	9	10	AUG.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17		11	12	13	14	15	16	17
	18	19	20	21	22	23	24		18	19	20	21	22	23	24
	25	26	27	28	29	..	..		25	26	27	28	29	30	31
	..	..	..	..	..	1	2		..	..	..	..	..	..	..
	3	4	5	6	7	8	9	SEPT.	1	2	3	4	5	6	7
	10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23		15	16	17	18	19	20	21
	24	25	26	27	28	29	30		22	23	24	25	26	27	28
	31	..	..	..	..	..	..		29	30	..	..	..	..	..
	..	1	2	3	4	5	6		..	..	1	2	3	4	5
APRIL.	7	8	9	10	11	12	13	OCT.	6	7	8	9	10	11	12
	14	15	16	17	18	19	20		13	14	15	16	17	18	19
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
	28	29	30	..	..	..	..		27	28	29	30	31	..	..
	..	..	..	1	2	3	4		..	..	..	..	..	1	2
MAY.	5	6	7	8	9	10	11	NOV.	3	4	5	6	7	8	9
	12	13	14	15	16	17	18		10	11	12	13	14	15	16
	19	20	21	22	23	24	25		17	18	19	20	21	22	23
	26	27	28	29	30	31	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	1		..	..	..	..	..	..	..
	2	3	4	5	6	7	8	DEC.	1	2	3	4	5	6	7
	9	10	11	12	13	14	15		8	9	10	11	12	13	14
	16	17	18	19	20	21	22		15	16	17	18	19	20	21
	23	24	25	26	27	28	29		22	23	24	25	26	27	28
	30	..	..	..	..	..	..		29	30	31	..	..	..	..

CALENDAR.

1913

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
JAN.	..	..	..	1	2	3	4	JULY.	..	..	1	2	3	4	5
	5	6	7	8	9	10	11		6	7	8	9	10	11	12
	12	13	14	15	16	17	18		13	14	15	16	17	18	19
	19	20	21	22	23	24	25		20	21	22	23	24	25	26
	26	27	28	29	30	31	..		27	28	29	30	31	..	..
FEB.	..	..	..	..	..	..	1	AUG.	..	..	..	..	..	1	2
	2	3	4	5	6	7	8		3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
	23	24	25	26	27	28	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	1		31	..	..	..	..	..	..
MAR.	2	3	4	5	6	7	8	SEPT.	..	1	2	3	4	5	6
	9	10	11	12	13	14	15		7	8	9	10	11	12	13
	16	17	18	19	20	21	22		14	15	16	17	18	19	20
	23	24	25	26	27	28	29		21	22	23	24	25	26	27
	30	31	..	..	..	..	..		28	29	30	..	..	..	..
APRIL.	..	..	1	2	3	4	5	OCT.	..	..	..	1	2	3	4
	6	7	8	9	10	11	12		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30	..	..	..		26	27	28	29	30	31	..
MAY.	..	..	..	..	1	2	3	NOV.	..	..	..	..	..	..	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	..	..	..	..	..	..	..		30	..	..	..	..	..	..
	1	2	3	4	5	6	7		..	1	2	3	4	5	6
JUNE.	8	9	10	11	12	13	14	DEC.	7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	..	..	..	..	..		28	29	30	31	..	..	..

RATES OF POSTAGE.

(Official at time of going to press, but subject to change.)

U. S. and Possessions, Canada, Mexico, Cuba and Shanghai.

First class (letters, etc.) . . . per oz. 2c
 Second class (newspapers, periodicals) . . . 4 " 1c
 Third class (books, circulars) . . . 2 " 1c
 Fourth class (merchandise, etc.) . . . 1 " 1c
 Registration fee (extra postage) . . . 10c
 Special delivery (" ") . . . 10c
 Postal cards (reply cards 2c.) . . . 1c
 Local or drop letters (where no free delivery) per oz. 1c
 Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.

To Foreign Countries.

Letters for British Isles and Newfoundland 1 oz., 2c
 " for Germany 1 " 2c
 (If sent by German steamer)
 " for other countries 1 " 5c
 each additional oz. or fraction 3c
 Postal Cards (reply cards, 4c) . . . 2c
 Newspapers and printed matter . . . 2 oz., 1c
 Samples merchandise . . . first 4 " 2c
 " every additional 2 " 1c
 Commercial papers . . . first 10 oz. or fraction 5c
 " every additional 2 oz., 1c
 Registration Fee (extra postage) . . . 10c
 Reply Coupons . . . 6c
 Parcel Post (enquire at P. O.) . . . per lb. 12c
 Money Orders (enquire at P. O.)

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed* without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

ALL MAILABLE MATTER not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

MONEY ORDERS.—For sums not exceeding \$2.50, three cents; \$2.50 to \$5, five cents; \$5 to \$10, eight cents; \$10 to \$20, ten cents; \$20 to \$30, twelve cents; \$30 to \$40, fifteen cents; \$40 to \$50, eighteen cents; \$50 to \$60, twenty cents; \$60 to \$75, twenty-five cents; \$75 to \$100, thirty cents.

LEGAL HOLIDAYS.

*In most States when the holiday falls on Sunday
the Monday following is observed.*

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

- ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.
- ALASKA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.
- ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.
- ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25.
- CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. election.
- COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.
- CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
- DELAWARE—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, elec. day.
- DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.
- FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election.
- GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.
- HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.
- IDAHO—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, any day of Thanksgiving, Dec. 25, general election.
- ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. days.
- INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

- IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
- KANSAS—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
- KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Thanksgiving, Dec. 25, gen. election.
- LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.
- MAINE—Jan. 1, Feb. 22, Arbor Day, Patriots' Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.
- MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.
- MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.
- MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, election days.
- MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.
- MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.
- MISSOURI—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.
- MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.
- NEBRASKA—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.
- NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Thanksgiving, Dec. 25, general election.
- NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
- NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P.M., general election.
- NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, gen. elec.
- NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12 May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, elec. last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, election day.

OREGON—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P. M.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Mon. in September, days of Fasting and Thanksgiving, Dec. 25, election day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P. M., general election.

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, any day of National Thanksgiving, Dec. 25, general election.

WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 12 and 22, May 30, July 4, Arbor Day, Labor Day, Thanksgiving, Dec. 25, gen. election.

POPULATION OF THE UNITED STATES.

	1910	1900
Alabama.....	2,138,093	1,828,697
Arizona.....	204,354	122,931
Arkansas.....	1,574,449	1,311,564
California.....	2,377,549	1,485,053
Colorado.....	799,024	539,700
Connecticut.....	1,114,756	908,420
Delaware.....	202,322	184,735
Dist. of Columbia.....	331,069	278,718
Florida.....	752,619	528,542
Georgia.....	2,609,121	2,216,331
Idaho.....	325,594	161,772
Illinois.....	5,638,591	4,821,550
Indiana.....	2,700,876	2,516,462
Iowa.....	2,224,771	2,231,853
Kansas.....	1,690,949	1,470,495
Kentucky.....	2,289,905	2,147,174
Louisiana.....	1,656,388	1,381,625
Maine.....	742,371	694,466
Maryland.....	1,294,450	1,188,044
Massachusetts.....	3,366,416	2,805,346
Michigan.....	2,810,173	2,420,982
Minnesota.....	2,075,708	1,751,394
Mississippi.....	1,797,114	1,551,270
Missouri.....	3,293,335	3,106,665
Montana.....	376,053	243,329
Nebraska.....	1,192,214	1,066,300
Nevada.....	81,875	42,335

POPULATION OF THE UNITED STATES—CONTINUED.

	1910	1900
New Hampshire.....	430,572	411,588
New Jersey.....	2,537,167	1,883,669
New Mexico.....	327,396	195,310
New York.....	9,113,614	7,268,894
North Carolina.....	2,206,287	1,893,810
North Dakota.....	577,056	319,146
Ohio.....	4,767,121	4,157,545
Oklahoma.....	1,657,155	790,391
Oregon.....	672,765	413,536
Pennsylvania.....	7,665,111	6,302,115
Rhode Island.....	542,674	428,556
South Carolina.....	1,515,400	1,340,316
South Dakota.....	583,888	401,570
Tennessee.....	2,184,789	2,020,616
Texas.....	3,896,542	3,048,710
Utah.....	373,351	276,749
Vermont.....	355,956	343,641
Virginia.....	2,061,612	1,854,184
Washington.....	1,141,990	518,103
West Virginia.....	1,221,119	958,800
Wisconsin.....	2,333,860	2,069,042
Wyoming.....	145,965	92,531
Alaska.....	64,356	63,592
Hawaii.....	191,909	154,001
Porto Rico.....	1,118,012	953,243
Military and Naval.....	55,608	91,219
United States.....	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O.	69,067	42,728
Albany, N. Y.	100,253	94,151
Allentown, Pa.	51,913	35,416
Altoona, Pa.	52,127	38,973
Atlanta, Ga.	154,839	89,872
Atlantic City, N. J.	46,150	27,838
Baltimore, Md.	558,485	508,957
Bay City, Mich.	45,166	27,628
Bayonne, N. J.	55,545	32,722
Binghamton, N.Y.	48,443	39,647
Birmingham, Ala.	132,685	38,415
Boston, Mass.	670,585	560,892
Bridgeport, Conn.	102,054	70,996
Brockton, Mass.	56,878	40,063
Brooklyn, N.Y.	1,634,351	1,166,582
Buffalo, N.Y.	423,715	352,387
Cambridge, Mass.	104,839	91,886
Camden, N. J.	94,538	75,935
Canton, O.	50,217	30,667
Charleston, S. C.	58,833	55,807
Chattanooga, Tenn.	44,604	30,154
Chicago, Ill.	2,185,283	1,698,575
Cincinnati, O.	364,463	325,902
Cleveland, O.	560,663	381,768
Columbus, O.	181,548	125,560
Covington, Ky.	53,270	42,938
Dallas, Tex.	92,104	42,638
Dayton, O.	116,577	85,333
Denver, Col.	213,381	133,859
Des Moines, Ia.	86,368	62,139
Detroit, Mich.	465,766	285,704
Duluth, Minn.	78,466	52,969
East St. Louis, Ill.	58,547	29,655
Elizabeth, N. J.	73,409	52,130
Erie, Pa.	66,525	52,733
Evansville, Ind.	69,647	59,007
Fall River, Mass.	119,295	104,863
Fort Wayne, Ind.	63,933	45,115
Fort Worth, Tex.	73,312	26,688
Grand Rapids, Mich.	112,571	87,565
Harrisburg, Pa.	64,186	50,167
Hartford, Conn.	98,915	79,850

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Haverhill, Mass.	44,115	37,175
Hoboken, N. J.	70,324	59,364
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233,650	169,164
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Kansas City, Kan.	82,331	51,418
Kansas City, Mo.	248,381	163,752
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lincoln, Neb.	43,973	40,169
Little Rock, Ark.	45,941	38,307
Los Angeles, Cal.	319,198	102,479
Louisville, Ky.	223,928	204,731
Lowell, Mass.	106,294	94,969
Lynn, Mass.	89,336	68,513
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
Memphis, Tenn.	131,105	102,320
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Nashville, Tenn.	110,364	80,865
Newark, N. J.	347,469	246,070
New Bedford, Mass.	96,652	62,442
New Britain, Conn.	43,916	25,998
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
New York, N. Y.	4,766,883	3,437,202
Norfolk, Va.	67,452	46,624
Oakland, Cal.	150,174	66,960
Oklahoma City, Okla.	64,205	10,037
Omaha, Neb.	124,096	102,555
Passaic, N. J.	54,773	27,777
Paterson, N. J.	125,600	105,171
Pawtucket, R. I.	51,622	39,231
Peoria, Ill.	66,950	56,100
Philadelphia, Pa.	1,549,008	1,293,697
Pittsburg and Allegheny, Pa.	533,905	451,512
Portland, Me.	58,571	50,145
Portland, Ore.	207,214	90,426

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Providence, R. I.	224,326	175,597
Pueblo, Col.	44,395	28,157
Reading, Pa.	96,071	78,961
Richmond, Va.	127,628	85,050
Rochester, N. Y.	218,149	162,608
Rockford, Ill.	45,401	31,051
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
Saint Joseph, Mo.	77,403	102,979
Saint Louis, Mo.	687,029	575,238
Saint Paul, Minn.	214,744	163,065
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Antonio, Tex.	96,614	53,321
San Francisco, Cal.	416,912	342,782
Savannah, Ga.	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Scranton, Pa.	129,867	102,026
Seattle, Wash.	237,194	80,671
Sioux City, Ia.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
Spokane, Wash.	104,402	36,848
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, O.	46,921	38,253
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Terre Haute, Ind.	58,157	36,673
Toledo, O.	168,497	131,822
Topeka, Kan.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Utica, N. Y.	74,419	56,383
Washington, D. C.	331,069	278,718
Waterbury, Conn.	73,141	45,859
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Wilmington, Del.	87,411	76,508
Worcester, Mass.	145,986	118,421
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,750	33,708
Youngstown, O.	79,066	44,885

ECLIPSES FOR THE YEAR.

In the year 1912 there will be four Eclipses, two of the Sun and two of the Moon.

I. A PARTIAL ECLIPSE OF THE MOON, April 1-2. Invisible to the United States. Visible to Europe, Asia and Africa, and in part to the northeastern tip of North America, South America except the northwest portion, and the western portion of Australia.

II. A CENTRAL ECLIPSE OF THE SUN, April 17. Visible to the eastern portion of North America, the West Indies, the northern and northeastern portions of South America, Europe, northwest Africa, and the western part of Asia. Occurring as a partial eclipse as follows:

	Standard	Begins.	Ends.
		<i>h. m.</i>	
Boston	Eastern	5h. 15m. M.	6 41 M.
New York .	"	Before sunrise.	6 38 M.
Pittsburgh .	"	" "	6 36 M.
Washington	"	" "	6 35 M.
Charleston.	"	Middle before sunrise.	6 28 M.
Cincinnati .	Central	" " "	5 33 M.
Chicago ...	"	" " "	5 36 M.
St. Paul ...	"	" " "	5 40 M.
Nashville..	"	" " "	5 30 M.
St. Louis ..	"	" " "	5 33 M.
Atlanta....	"	" " "	5 28 M.

III. A PARTIAL ECLIPSE OF THE MOON, September 26. Visible to the central and western portions of North America, Australia and the Pacific Ocean, and in part to the eastern portions of Asia. Occurring as follows:

Standard.....	Central.	Mountain.	Pacific.
	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>
M'n enters shadow	5 3 M.	4 3 M.	3 3 M.
Middle of eclipse..	5 45 M.	4 45 M.	3 45 M.
M'n leaves shadow	6 26 M.	5 26 M.	4 26 M.

First contact of shadow, 8 degrees from the north point of the Moon's limb toward the west.

Magnitude of Eclipse, 0.122 (Moon's diameter, 1.0).

IV. A TOTAL ECLIPSE OF THE SUN, October 10. Visible to the southeast tip of the United States, the southern part of Mexico, Central America, the West Indies, South America and the southern end of Africa. Occurring as a small partial eclipse as follows:

	Standard	Begins.	Ends.
		<i>h. m.</i>	<i>h. m.</i>
Charleston .	Eastern.	6 27 M.	7 7 M.
Savannah...	Central.	Just before sunrise.	6 11 M.
Atlanta	"	Before sunrise.	6 5 M.
Jacksonville	"	" "	6 18 M.
Mobile.....	"	Middle before sunrise.	6 18 M.
New Orleans	"	" " "	6 21 M.
Galveston..	"	" " "	6 25 M.

BUSINESS LAWS IN BRIEF.

It is a fraud to conceal a fraud.

A note given by a minor is void.

Ignorance of the law excuses no one.

A contract made with a lunatic is void.

A contract made with a minor is invalid.

The acts of one partner bind all the others.

An agreement without consideration is void.

The law compels no one to do impossibilities.

Contracts made on Sunday cannot be enforced.

Signatures made in lead pencil are good in law.

A receipt for money paid is not legally conclusive.

Principals are responsible for the acts of their agents.

It is not legally necessary to say on a note "for value received."

Each individual in a partnership is responsible for the whole amount of the debts of the firm.

Checks or drafts must be presented for payment without unreasonable delay.

If the time of payment of a note is not inserted, it is held payable on demand.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

WEIGHTS AND MEASURES

MEASURE OF LENGTH.

4	In. = 1 Hand.	3	Feet = 1 Yard.
7.92	In. = 1 Link.	5½	Yds. = 1 Rod or Pole
18	In. = 1 Cubit.	40	Poles = 1 Furlong
12	In. = 1 Foot.	8	Fur. = 1 Mile.
6	Ft. = 1 Fathom.	69 1-6	Miles = 1 Degree.
60 Geographical Miles = 1 Degree.			
1760 Yards } = 1 Mile.			
5280 Feet }			

MEASURE OF SURFACE.

144	Square Inches = 1 Square Foot.
9	Square Feet = 1 Square Yard.
36	Square Yards = 1 Sq. Rod, Perch or Pole
40	Square Rods = 1 Square Rood.
4	Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.	
10	Square Chains = 1 Acre.
640	Acres = 1 Square Mile.
272 1/2	Square Feet = 1 Square Rod.
43,560	Square Feet = 1 Acre.

MEASURE OF SOLIDITY.

1728	Cubic Inches = 1 Cubic Foot.
27	Cubic Feet = 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 1/2	Grains = 1 Drachm (dr.) or 27 1/2 Grains
16	Drachms = 1 Ounce (oz.) or 437 1/2 "
16	Ounces = 1 Pound (lb.) or 7000 "
28	Pounds = 1 Quarter (qr.).
4	Quarters = 1 Hundred-Weight (cwt)
20	Cwts. = 1 Ton.
2240	Pounds = 1 Ton.

TROY WEIGHT.

24	Grains = 1 Pennyweight, or 24 Grains.
20	Pennywts = 1 Ounce, or 480 "
12	Ounces = 1 Pound, or 5760 "

APOTHECARIES' WEIGHT.

20	Grains = 1 Scruple.	8	Drachms = 1 Ounce.
3	Scruples = 1 Drachm.	12	Ounces = 1 Pound.

INTEREST LAWS OF ALL THE STATES

STATES AND TERRITORIES.	Days of Grace		Interest Rates		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	SPECIAL OR CONTRACT.	
Alabama	No	No	8	8 per ct.	Forft. of all int.....
Alaska	Yes	No	8	12 per ct.	.....
Arizona	No	No	6	No limit.	None.....
Arkansas	Yes	Yes	6	10 per ct.	Forft. principal & int.
California	No	No	7	No limit.	None.....
Colorado	No	No	8	No limit.	None.....
Connecticut	No	No	6	No limit.	None.....
Delaware	No	No	6	6 per ct.	Forfeiture principal.
District of Col... ..	No	No	6	10 per ct.	Forft. of entire int...
Florida	No	No	8	10 per ct.	Forft. of entire int...
Georgia	No	No	7	8 per ct.	Forft. of excess of int.
Hawaiian Isl'ds. ..	No	No	8	12 per ct.	.....
Idaho	No	No	7	12 per ct.	Fft. int. & 10 p. ct. prin.
Illinois	No	No	5	7 per ct.	Forft. of entire int...
Indiana	No	No	6	8 per ct.	Forft. int. over 6 p. ct.
Iowa	No	No	6	8 per ct.	Fft. int., costs, etc. ..
Kansas	No	No	6	10 per ct.	Fft twice ex over 10 pct
Kentucky	No	No	6	6 per ct.	Forft. excess of int..
Louisiana	No	No	5	8 per ct.	Forft. of interest.....
Maine	No	Yes	6	No limit.	None.....
Maryland	No	No	6	6 per ct.	Forft. entire interest.
Massachusetts ..	No	Yes	6	No limit.	None.....
Michigan	No	No	5	7 per ct.	Forft. of interest.....
Minnesota	No	Yes	6	10 per ct.	Forft. of prin & int...
Mississippi	Yes	Yes	6	10 per ct.	Forft. of interest.....
Missouri	No	No	6	8 per ct.	Forfeiture 10 percent
Montana	No	No	8	No limit.	None.....
Nebraska	No	No	7	10 per ct.	Forft. entire interest.
Nevada	Yes	No	7	No limit.	None.....
New Hampshire. ..	No	Yes	6	6 per ct.	Fft. treble exc. of int
New Jersey	No	No	6	6 per ct.	Forft. int. & costs....
New Mexico	Yes	Yes	6	12 per ct.	Forft. dbl. amt. of int
New York	No	No	6	6 per ct.	Forft. of prin. & int..
North Carolina.. ..	No	No	6	6 per ct.	Fft. dbl. amt. of int..
North Dakota ...	No	No	7	12 per ct.	Forft. excess of int...
Ohio	No	No	6	8 per ct.	Forft. excess of int...
Oklahoma	Yes	Yes	6	10 per ct.	.....
Oregon	No	No	6	10 per ct.	Fft. prin. & int.....
Pennsylvania ..	No	No	6	6 per ct.	Forft. excess of int..
Philippine Isl'ds ..	No	No	6	No limit.	.....
Porto Rico	No	No	6	12 per ct.	.....
Rhode Island ..	No	Yes	6	No limit.	None.....
South Carolina..	Yes	Yes	7	8 per ct.	Forfeit of interest...
South Dakota..	Yes	Yes	7	12 per ct.	Forft. int., fine, imp't
Tennessee	No	No	6	6 per ct.	Forft. excess of int.
Texas	Yes	Yes	6	10 per ct.	Forft. entire interest.
Utah	No	No	8	12 per ct.	None.....
Vermont	No	No	6	6 per ct.	Forft. of excess.....
Virginia	No	No	6	6 per ct.	Forft. entire interest.
Washington	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia ..	No	No	6	6 per ct.	Forfeit. of excess int.
Wisconsin	No	No	6	10 per ct.	Fft. treble amt. ex. int.
Wyoming	No	No	8	12 per ct.	Forft. entire interest.

FIRST AID TO ACCIDENTS

Drowning. 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above the wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current—not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible; if not, cover hands with dry woolen cloth and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

ANTIDOTES FOR POISONS

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for **ALKALIES**, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC. } Soap-suds, Mustard,
ACETIC. SULPHURIC (Oil of Vit- } nesia, Lime-water.
riol). NITRIC (Aqua Fortis).

Prussic Acid. Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. } Vinegar or Lemon juice in
HARTSHORN. AMMONIA. } water.

Arsenic. }
Rat Poison. } Milk, raw Eggs, Sweet Oil, Lime-
Paris Green. } water, Flour and water.

Bug Poison. }
Lead. }
Saltpetre. } Whites of Eggs, or Milk
Corrosive Sublimate. } in large doses.

Sugar of Lead. }
Blue Vitriol. }
Chloroform. } Dash cold water on head and chest.
Chloral. } Artificial respiration. Piece of ice
Ether. } in rectum.

Carbonate of Soda. } Soap-suds and mucil-
Copperas. Cobalt. } aginous drinks.

Iodine. } Starch and water. Astrin-
Antimony. } gent infusions. Strong
Tartar Emetic. } tea.

Mercury AND ITS SALTS. } Whites of Eggs. Milk.
Mucilages.

Nitrate of Silver. } Salt and water.

Lunar Caustic. }
Strychnine. } Mustard and water, Sul-
Tinct. of Nux Vomica. } phate of Zinc. Absolute
quiet. Plug the ears.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON.	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.	Oct. 31, 1735	Mar. 4, 1797	"	July 4, 1826	Mass.
3	THOMAS JEFFERSON.	April 2, 1743	"	"	"	Virginia.
4	JAMES MADISON.	Mar. 16, 1751	"	"	June 28, 1836	"
5	JAMES MONROE.	April 28, 1758	"	"	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	"	"	Feb. 23, 1848	Mass.
7	ANDREW JACKSON.	Mar. 15, 1767	"	"	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	"	"	July 24, 1862	New York.
9	WM. H. HARRISON.	Feb. 9, 1773	"	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"
11	JAMES K. POLK.	Nov. 2, 1795	Mar. 4, 1845	4 years.	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR.	Sept. 24, 1784	"	1 year 4 mos.	July 9, 1850	Virginia.
13	MILLARD FILLMORE.	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE.	Nov. 23, 1804	Mar. 4, 1853	4 years.	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN.	April 23, 1791	"	"	June 1, 1868	Penn.
16	ABRAHAM LINCOLN.	Feb. 12, 1809	"	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON.	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT.	April 27, 1822	Mar. 4, 1869	8 years.	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES.	Oct. 4, 1822	"	"	Jan. 17, 1893	"
20	JAMES A. GARFIELD.	Nov. 19, 1831	"	6½ months.	Sept. 19, 1881	"
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND.	Mar. 18, 1837	Mar. 4, 1885	4 years.	June 24, 1908	New Jersey.
23	BENJAMIN HARRISON.	Aug. 20, 1833	"	"	Mar. 13, 1901	Ohio.
24	GROVER CLEVELAND.	Mar. 18, 1837	"	"	June 24, 1908	New Jersey.
25	WILLIAM MCKINLEY.	Jan. 29, 1843	"	"	Sept. 14, 1901	Ohio.
26	THEODORE ROOSEVELT.	Oct. 27, 1858	Sept. 14, 1901	4 yrs. 6½ mos.	"	New York.
27	WM. HOWARD TAFT.	Sept. 15, 1857	Mar. 4, 1909	7 yrs. 5½ mos.	"	Ohio.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.		Central Standard.	
75° Longitude.		90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.	— 25	Cleveland, Ohio	— 33
Augusta, Me.	— 21	Columbus, Ohio	— 28
Portland, Me.	— 19	Detroit, Mich.	— 28
Boston, Mass.	— 16	Toledo, Ohio	— 26
Newport, R. I.	— 15	Dayton, Ohio	— 23
Providence, R. I.	— 14	Cincinnati, Ohio	— 22
Concord, N. H.	— 14	Louisville, Ky.	— 18
New London, Conn.	— 11	Indianapolis, Ind.	— 16
Springfield, Mass.	— 10	Chicago, Ill.	— 10
Montpelier, Vt.	— 10	Milwaukee, Wis.	— 8
Hartford, Conn.	— 9	Springfield, Ill.	— 2
Montreal, P. Q.	— 6	Memphis, Tenn.	0
Albany, N. Y.	— 5	New Orleans, La.	0
New York, N. Y.	— 4	St. Louis, Mo.	+ 1
Utica, N. Y.	+ 1	Rock Island, Ill.	+ 3
Philadelphia, Pa.	+ 1	Dubuque, Iowa	+ 3
Syracuse, N. Y.	+ 5	Burlington, Iowa	+ 5
Baltimore, Md.	+ 6	St. Paul, Minn.	+ 12
Washington, D. C.	+ 8	Des Moines, Iowa	+ 14
Rochester, N. Y.	+ 11	Kansas City, Mo.	+ 18
Buffalo, N. Y.	+ 16	Galveston, Texas	+ 19
Pittsburg, Pa.	+ 20	Omaha, Neb.	+ 24
Mountain Standard.		Pacific Standard.	
105° Longitude.		120° Longitude.	
Denver, Col.	0	Sacramento, Cal.	+ 6
Salt Lake City, Utah.	+ 28	San Francisco, Cal.	+ 10

TIDE TABLE

*To Find High Water (Standard Time) Add to, or
Subtract from, High Water at New York.*

EASTERN STANDARD.	H. M.	Mean Range. Feet.
Eastport, Me.....	add 2 37	18.2
Bar Harbor, Me.....	" 2 31	10.5
Rockland, Me.....	" 2 44	0.7
Portland, Me.....	" 2 52	8.9
Portsmouth, N. H.....	" 3 6	9.2
Isle of Shoals, N. H.....	" 3 1	8.7
Newburyport, Mass.....	" 3 6	7.9
Rockport, Mass.....	" 2 39	8.6
Gloucester, Mass.....	" 2 45	8.9
Salem, Mass.....	" 3 0	9.0
Marblehead, Mass.....	" 2 52	9.2
Nahant, Mass.....	" 2 53	9.3
Hull, Mass.....	" 2 53	9.5
Plymouth, Mass.....	" 3 2	9.6
Provincetown, Mass.....	" 3 10	9.2
Nantucket, Mass.....	" 4 9	3.1
Vineyard Haven, Mass.....	" 3 25	1.7
Wood's Hole (North Side), Mass.....	sub. 0 18	4.1
Wood's Hole (South Side), Mass.....	add 0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass.....	sub. 0 17	3.8
Newport, R. I.....	" 0 31	3.5
Bristol, R. I.....	" 0 13	4.1
Providence, R. I.....	" 0 2	4.4
Point Judith, R. I.....	" 0 42	3.1
New Shoreham, Block Island, R. I.....	" 0 41	3.0
Watch Hill, R. I.....	add 0 36	2.7

TIDE TABLE—CONTINUED.

EASTERN STANDARD.	H. M.	Mean Range. Feet.
Stonington, Conn.....	add 0 57	2.7
New London, Conn.....	" 1 14	2.5
Norwich, Conn.....	" 1 55	3.1
New Haven, Conn.....	" 3 0	6.0
Bridgeport, Conn.....	" 3 2	7.2
Throg's Neck, N. Y.....	" 3 4	7.3
Montauk Point, L. I.....	" 0 7	2.0
Coney Island, L. I.....	sub. 0 29	4.7
West Point, N. Y.....	add 3 2	2.8
Long Branch, N. J.....	sub. 0 43	4.3
Ocean Grove, N. J....	" 0 41	4.2
Cape May Landing, N. J.....	" 0 10	4.6
Newcastle, Del.....	add 3 40	6.4
League Island, Pa.....	" 5 26	5.4
Philadelphia, Pa.....	" 5 56	5.3
Annapolis, Md.....	sub. 3 12	0.9
Baltimore, Md.....	" 1 20	1.2
Old Point Comfort, Va.....	add 0 40	2.5
Richmond, Va.....	sub. 3 32	3.7
Hatteras Inlet, N. C.....	" 0 53	2.0
Beaufort, N. C.....	" 0 32	2.8
Charleston (C. H. Wharf), S. C.....	" 0 15	5.2
CENTRAL STANDARD.		
Fort Pulaski (Savannah Ent.), Ga.....	sub. 1 18	6.9
Savannah (Dry Dock Wharf), Ga.....	" 0 23	6.5
Jacksonville, Fla.....	add 0 19	1.0
St. Augustine, Fla.....	sub. 0 14	4.2
Key West, Fla.....	add 0 47	1.2
Tampa Bay (Egmont Key), Fla.....	" 3 3	1.4
Cedar Keys (Depot Key), Fla.....	" 4 39	2.4

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1911, expressed in any of such metallic currencies:

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.
			D. C. M.
Argentine Rep...	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
British America	Gold	Dollar	1 0 0
Costa Rica	Gold	Colon	0 46 5
Chili	Gold	Peso	0 36 5
China	Silver	Tael.. { Shanghai..	0 60 4
		{ Haikwan..	0 67 3
		{ (Customs).	
Colombia	Gold	Dollar	1 0 0
Denmark	Gold	Crown	0 26 8
Ecuador	Gold	Sucre	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6
Greece	Gold	Drachma	0 19 3
Haiti	Gold	Gourde	0 96 5
India (British)	Gold	Rupee	0 32 4
Italy	Gold	Lira	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar	1 0 0

VALUES OF FOREIGN COINS.

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa	1 0 0
Persia	Gold	Kran	0 17 04
Peru	Gold	Libra	4 86 6
Philippine Islds.	Gold	Peso	0 50 0
Portugal	Gold	Milreis	1 8 0
Russia	Gold	Ruble	0 51 5
Spain	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold	Bolivar	0 19 3

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 4
Quinquagesima—Shrove Sunday	Feb. 18
Ash Wednesday	Feb. 21
First Sunday in Lent	Feb. 25
St. Patrick	Mar. 17
Palm Sunday	Mar. 31
Good Friday	April 5
Easter Sunday	April 7
Low Sunday	April 14
Rogation Sunday	May 12
Ascension Day—Holy Thursday	May 16
Pentecost—Whit Sunday	May 26
Trinity Sunday	June 2
Corpus Christi	June 6
St. John Baptist	June 24
Michaelmas Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Dec. 1
Christmas Day	Dec. 25

SHORT METHOD FOR CALCULATING INTEREST.

Multiply the principal by as many hundredths as there are days, and

For 4 per cent.	.....	Divide by	90
" 5 "	"	"	72
" 6 "	"	"	60
" 7 "	"	"	54
" 8 "	"	"	45
" 9 "	"	"	40
" 10 "	"	"	36
" 12 "	"	"	30

EXAMPLE—INTEREST on \$50 for 30 days at 4%.
 $50 \times .30 = 15.00$, which divided by 90 = 16 $\frac{2}{3}$ cents—the required result.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 20, 6h. A.	Mar. 20, 5h. A.
Summer Solstice.....	June 21, 2h. A.	June 21, 1h. A.
Autumnal Equinox..	Sept. 23, 5h. M.	Sept. 23, 4h. M.
Winter Solstice.....	Dec. 21, 11h. A.	Dec. 21, 10h. A.
	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 20, 4h. A.	Mar. 20, 3h. A.
Summer Solstice.....	June 21, 0h. A.	June 21, 11h. M.
Autumnal Equinox..	Sept. 23, 3h. M.	Sept. 23, 2h. M.
Winter Solstice.....	Dec. 21, 9h. A.	Dec. 21, 8h. A.

TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

WEATHER BUREAU

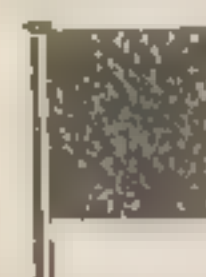
Explanation of Flag Signals.

No. 1.
White Flag.



Fair Weather.

No. 2.
Blue Flag.



Rain or Snow.

No. 3.
White and Blue Flag.



Local Rain or Snow.

No. 4.
Black Triangular Flag.



Temperature.

No. 5.
White Flag,
Black Center.



Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

No. 1, with No. 5 above it, indicates fair weather, cold wave.

No. 2, with No. 5 above it, indicates wet weather, cold wave.

Forecasts made at 10.00 A. M., and displayed between 12.00 and 1.00 P. M., forecasts the weather for the following day until 8.00 P. M.

 In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000



MOON'S PHASES, (In Standard Time.)

Full Moon	4d. 8h. 30m. a.m.
Last Quarter	11d. 2h. 43m. a.m.
New Moon	19d. 6h. 10m. a.m.
First Quarter	27d. 3h. 51m. a.m.

EASTERN DIVISION.

4d. 8h. 30m. a.m.
11d. 2h. 43m. a.m.
19d. 6h. 10m. a.m.
27d. 3h. 51m. a.m.

CENTRAL DIVISION.

4d. 7h. 30m. a.m.
11d. 1h. 43m. a.m.
19d. 5h. 10m. a.m.
27d. 2h. 51m. a.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cn. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 30	4 12	8 0	r7 24	4 7	4 57	r7 19	4 2
2	Tu	s4 39	5 32	9 3	s4 43	5 26	6 1	s4 48	5 20
3	We	r7 30	6 50	10 7	r7 25	6 43	7 4	r7 19	6 36
4	Th	s4 40	rises	11 8	s4 45	rises	8 2	s4 50	rises
5	Fr	r7 30	5 58	.....	r7 25	6 4	9 3	r7 19	6 11
6	Sa	s4 42	7 21	0 32	s4 47	7 25	9 57	s4 52	7 31
7	S	r7 30	8 40	1 25	r7 25	8 43	10 45	r7 19	8 47
8	Mo	s4 44	9 55	2 15	s4 49	9 56	11 33	s4 54	9 59
9	Tu	r7 29	11 6	3 0	r7 25	11 6	.....	r7 19	11 7
10	We	s4 46	morn	3 46	s4 51	morn	0 45	s4 56	morn
11	Th	r7 29	0 15	4 34	r7 24	0 14	1 33	r7 19	0 13
12	Fr	s4 48	1 22	5 25	s4 53	1 20	2 23	s4 58	1 18
13	Sa	r7 28	2 29	6 19	r7 24	2 25	3 17	r7 18	2 21
14	S	s4 50	3 34	7 14	s4 55	3 29	4 11	s5 0	3 24
15	Mo	r7 28	4 38	8 10	r7 23	4 32	5 7	r7 18	4 26
16	Tu	s4 53	5 39	9 3	s4 57	5 32	6 1	s5 2	5 25
17	We	r7 27	6 34	9 54	r7 22	6 27	6 52	r7 17	6 19
18	Th	s4 55	7 21	10 41	s4 59	7 14	7 36	s5 4	7 7
19	Fr	r7 26	sets	11 25	r7 21	sets	8 20	r7 16	sets
20	Sa	s4 57	6 3	.....	s5 2	6 8	9 3	s5 6	6 14
21	S	r7 25	7 7	0 25	r7 20	7 11	9 43	r7 15	7 15
22	Mo	s5 0	8 12	1 4	s5 4	8 14	10 20	s5 8	8 18
23	Tu	r7 23	9 16	1 42	r7 19	9 17	10 55	r7 14	9 19
24	We	s5 2	10 21	2 19	s5 6	10 21	11 33	s5 11	10 21
25	Th	r7 22	11 28	2 57	r7 17	11 26	.....	r7 13	11 26
26	Fr	s5 5	morn	3 39	s5 9	morn	0 38	s5 13	morn
27	Sa	r7 21	0 37	4 26	r7 16	0 34	1 25	r7 12	0 32
28	S	s5 7	1 51	5 23	s5 11	1 47	2 21	s5 15	1 42
29	Mo	r7 19	3 8	6 29	r7 14	3 2	3 26	r7 10	2 56
30	Tu	s5 10	4 25	7 40	s5 14	4 18	4 36	s5 17	4 11
31	We	r7 17	5 36	8 51	r7 13	5 29	5 48	r7 9	5 21



MOON'S PHASES.
(In Standard Time.)

Full Moon
Last Quarter
New Moon
First Quarter

EASTERN DIVISION.

2d. 6h. 58m. p.m.
9d. 7h. 51m. p.m.
18d. 0h. 44m. a.m.
25d. 2h. 27m. p.m.

CENTRAL DIVISION.

2d. 5h. 58m. p.m.
9d. 6h. 51m. p.m.
17d. 11h. 44m. p.m.
25d. 1h. 27m. p.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r7 16	6 37	9 58	r7 12	6 30	6 56	r7 8	6 23
2	Fr	s5 14	rises	10 59	s5 17	rises	7 53	s5 21	rises
3	Sa	r7 14	6 11	11 49	r7 10	6 15	8 47	r7 6	6 19
4	S	s5 16	7 30	0 13	s5 20	7 32	9 35	s5 23	7 35
5	Mo	r7 11	8 46	1 0	r7 8	8 47	10 19	r7 5	8 48
6	Tu	s5 19	9 58	1 44	s5 22	9 57	10 59	s5 26	9 57
7	We	r7 9	11 8	2 25	r7 6	11 6	11 43	r7 3	11 4
8	Th	s5 21	morn	3 8	s5 25	morn	0 5	s5 28	morn
9	Fr	r7 7	0 16	3 54	r7 4	0 12	0 53	r7 1	0 10
10	Sa	s5 24	1 23	4 46	s5 27	1 18	1 44	s5 30	1 14
11	S	r7 4	2 29	5 41	r7 1	2 23	2 39	r6 58	2 17
12	Mo	s5 27	3 32	6 40	s5 29	3 25	3 38	s5 32	3 18
13	Tu	r7 2	4 29	7 41	r6 59	4 22	4 38	r6 56	4 14
14	We	s5 29	5 18	8 38	s5 32	5 11	5 35	s5 35	5 3
15	Th	r6 58	6 1	9 30	r6 56	5 55	6 28	r6 54	5 48
16	Fr	s5 32	6 36	10 19	s5 34	6 30	7 16	s5 37	6 25
17	Sa	r6 56	sets	11 2	r6 53	sets	7 56	r6 51	sets
18	S	s5 34	6 4	11 38	s5 37	6 7	8 34	s5 39	6 10
19	Mo	r6 54	7 9	...	r6 51	7 10	9 13	r6 49	7 13
20	Tu	s5 37	8 14	0 33	s5 39	8 14	9 49	s5 42	8 15
21	We	r6 51	9 20	1 9	r6 48	9 19	10 24	r6 46	9 18
22	Th	s5 39	10 28	1 46	s5 42	10 25	11 0	s5 44	10 24
23	Fr	r6 48	11 40	2 26	r6 45	11 36	11 42	r6 43	11 32
24	Sa	s5 42	morn	3 8	s5 44	morn	0 6	s5 46	morn
25	S	r6 45	0 54	4 0	r6 43	0 49	0 59	r6 41	0 43
26	Mo	s5 44	2 9	3	s5 46	2 3	2 1	s5 48	1 56
27	Tu	r6 42	3 20	6 15	r6 40	3 13	3 13	r6 38	3 5
28	We	s5 47	4 23	7 33	s5 49	4 16	4 29	s5 50	4 8
29	Th	r6 38	5 16	8 44	r6 37	5 10	5 42	r6 35	5 3
...
...



MOON'S PHASES.
(In Standard Time.)

Full Moon
Last Quarter
New Moon
First Quarter

EASTERN DIVISION.

3d. 5h. 42m. a.m.
10d. 2h. 55m. p.m.
18d. 5h. 9m. p.m.
25d. 10h. 2m. p.m.

CENTRAL DIVISION.

3d. 4h. 42m. a.m.
10d. 1h. 55m. p.m.
18d. 4h. 9m. p.m.
25d. 9h. 2m. p.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r6 37	5 57	9 47	r6 35	5 52	6 45	r6 34	5 47
2	Sa	s5 51	6 28	10 42	s5 52	6 24	7 37	s5 53	6 22
3	S	r6 34	rises	11 27	r6 32	rises	8 21	r6 31	rises
4	Mo	s5 53	7 34	...	s5 54	7 34	9 7	s5 55	7 35
5	Tu	r6 30	8 45	0 29	r6 29	8 43	9 47	r6 28	8 43
6	We	s5 55	9 56	1 9	s5 56	9 53	10 26	s5 57	9 51
7	Th	r6 27	11 7	1 50	r6 26	11 3	11 5	r6 25	10 58
8	Fr	s5 58	morn	2 33	s5 59	morn	11 52	s5 59	morn
9	Sa	r6 24	0 16	3 18	r6 23	0 10	0 17	r6 22	0 5
10	S	s6 0	1 21	4 9	s6 1	1 15	1 8	s6 2	1 8
11	Mo	r6 20	2 21	5 7	r6 19	2 14	2 6	r6 19	2 6
12	Tu	s6 2	3 15	6 10	s6 3	3 8	3 8	s6 4	3 0
13	We	r6 17	4 0	7 12	r6 16	3 53	4 8	r6 16	3 46
14	Th	s6 5	4 36	8 10	s6 5	4 30	5 7	s6 6	4 24
15	Fr	r6 13	5 6	9 2	r6 13	5 1	6 0	r6 13	4 56
16	Sa	s6 7	5 31	9 48	s6 7	5 27	6 46	s6 8	5 25
17	S	r6 10	5 52	10 30	r6 10	5 50	7 26	r6 10	5 48
18	Mo	s6 9	sets	11 7	s6 9	sets	8 1	s6 10	sets
19	Tu	r6 6	7 10	11 41	r6 6	7 9	8 38	r6 6	7 9
20	We	s6 12	8 19	...	s6 12	8 17	9 16	s6 11	8 16
21	Th	r6 3	9 31	0 37	r6 3	9 27	9 55	r6 3	9 25
22	Fr	s6 14	10 45	1 18	s6 14	10 40	10 35	s6 13	10 35
23	Sa	r5 59	morn	2 2	r6 0	11 54	11 21	r6 0	11 47
24	S	s6 16	0 0	2 51	s6 16	morn	...	s6 15	morn
25	Mo	r5 56	1 12	3 49	r5 56	1 5	0 48	r5 57	0 57
26	Tu	s6 18	2 17	4 58	s6 18	2 10	1 56	s6 17	2 2
27	We	r5 52	3 12	6 13	r5 53	3 5	3 11	r5 54	2 58
28	Th	s6 20	3 55	7 27	s6 20	3 49	4 23	s6 19	3 44
29	Fr	r5 49	4 28	8 33	r5 50	4 24	5 30	r5 51	4 20
30	Sa	s6 23	4 56	9 28	s6 22	4 53	6 26	s6 21	4 51
31	S	r5 45	5 20	10 16	r5 46	5 19	7 13	r5 47	5 18



MOON'S PHASES.
(In Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

Full Moon	1d. 6h. 4m. p.m.	1d. 4h. 4m. p.m.
Last Quarter . . .	9d. 10h. 24m. a.m.	9d. 9h. 24m. a.m.
New Moon	17d. 6h. 40m. a.m.	17d. 5h. 40m. a.m.
First Quarter . . .	24d. 3h. 47m. a.m.	24d. 2h. 47m. a.m.

1912

Latitude of Boston
and Chicago.

Latitude of New York
and Philadelphia.

Lat. of Wash.
Cin. & St. Louis

D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r5 44	rises	11 0	r5 45	rises	7 53	r5 46	rises
2	Tu	s6 26	7 35	11 38	s6 25	7 33	8 34	s6 24	7 31
3	We	s5 40	8 46	....	r5 41	8 42	9 16	r5 43	8 40
4	Th	s6 28	9 56	0 37	s6 27	9 51	9 56	s6 26	9 47
5	Fr	s5 37	11 5	1 19	r5 38	10 59	10 36	r5 40	10 53
6	Sa	s6 31	morn	2 4	s6 29	morn	11 21	s6 28	11 55
7	S	r5 33	0 9	2 51	r5 35	0 2	....	r5 37	morn
8	Mo	s6 33	1 6	3 42	s6 31	0 59	0 41	s6 30	0 51
9	Tu	s5 30	1 54	4 39	s5 32	1 47	1 38	r5 34	1 39
10	We	s6 35	2 34	5 39	s6 33	2 28	2 37	s6 32	2 21
11	Th	s5 27	3 7	6 37	r5 28	3 2	3 34	r5 30	2 56
12	Fr	s6 37	3 34	7 32	s6 36	3 30	4 28	s6 33	3 25
13	Sa	s5 23	3 56	8 23	r5 25	3 53	5 19	r5 27	3 51
14	S	s6 40	4 16	9 9	s6 38	4 14	6 7	s6 35	4 14
15	Mo	s5 20	4 36	9 51	r5 22	4 35	6 49	r5 24	4 36
16	Tu	s6 42	4 55	10 32	s6 40	4 56	7 28	s6 37	4 58
17	We	s5 17	sets	11 11	r5 19	sets	8 5	r5 22	sets
18	Th	s6 44	8 30	11 50	s6 42	8 25	8 47	s6 39	8 21
19	Fr	r5 14	9 48	0 11	r5 16	9 42	9 33	r5 19	9 36
20	Sa	s6 46	11 4	0 58	s6 44	10 57	10 20	s6 41	10 50
21	S	r5 11	morn	1 50	r5 13	morn	11 12	r5 16	11 57
22	Mo	s6 48	0 12	2 46	s6 46	0 5	....	s6 43	morn
23	Tu	r5 8	1 10	3 47	r5 10	1 3	0 46	r5 13	0 56
24	We	s6 51	1 56	4 56	s6 48	1 50	1 54	s6 45	1 44
25	Th	s5 5	2 31	6 5	r5 8	2 26	3 3	r5 11	2 22
26	Fr	s6 53	2 59	7 10	s6 50	2 56	4 7	s6 47	2 53
27	Sa	s5 2	3 23	8 8	r5 5	3 21	5 5	r5 8	3 20
28	S	s6 55	3 45	8 59	s6 52	3 45	5 57	s6 49	3 45
29	Mo	r4 59	4 5	9 45	r5 2	4 6	6 43	r5 6	4 8
30	Tu	s6 57	4 27	10 29	s6 54	4 29	7 25	s6 51	4 33



MOON'S PHASES.
(In Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

Full Moon	1d. 6h. 19m. a.m.	1d. 4h. 19m. a.m.
Last Quarter . . .	9d. 4h. 56m. a.m.	9d. 3h. 56m. a.m.
New Moon	16d. 5h. 13m. p.m.	16d. 4h. 13m. p.m.
First Quarter . . .	23d. 9h. 11m. a.m.	23d. 8h. 11m. a.m.
Full Moon	30d. 6h. 29m. p.m.	30d. 5h. 29m. p.m.

1912

Latitude of Boston
and Chicago.

Latitude of New York
and Philadelphia.

Lat. of Wash.
Cin. & St. Louis

D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r4 56	rises	11 10	r4 59	rises	8 3	r5 3	rises
2	Th	s6 59	8 48	11 49	s6 56	8 42	8 47	s6 52	8 36
3	Fr	r4 53	9 54	0 10	r4 57	9 47	9 30	r5 1	9 41
4	Sa	s7 2	10 54	0 54	s6 58	10 47	10 14	s6 54	10 39
5	S	r4 51	11 47	1 40	r4 54	11 40	10 58	r4 58	11 32
6	Mo	s7 4	morn	2 27	s7 0	morn	11 48	s6 56	morn
7	Tu	r4 48	0 31	3 16	r4 52	0 24	0 14	r4 56	0 17
8	We	s7 6	1 7	4 7	s7 3	1 1	1 6	s6 58	0 55
9	Th	r4 46	1 35	5 0	r4 50	1 30	1 58	r4 54	1 26
10	Fr	s7 8	1 59	5 54	s7 5	1 55	2 52	s7 0	1 53
11	Sa	r4 43	2 20	6 46	r4 47	2 18	3 43	r4 52	2 16
12	S	s7 10	2 39	7 36	s7 7	2 38	4 33	s7 2	2 38
13	Mo	r4 41	2 58	8 24	r4 45	2 58	5 21	r4 50	3 0
14	Tu	s7 13	3 18	9 10	s7 9	3 20	6 8	s7 4	3 22
15	We	r4 39	3 41	9 56	r4 43	3 44	6 54	r4 48	3 48
16	Th	s7 15	4 9	10 43	s7 10	4 13	7 38	s7 6	4 19
17	Fr	r4 37	sets	11 30	r4 42	sets	8 25	r4 46	sets
18	Sa	s7 17	9 59	....	s7 12	9 52	9 19	s7 7	9 44
19	S	r4 35	11 3	0 49	r4 40	10 56	10 13	r4 44	10 48
20	Mo	s7 19	11 54	1 45	s7 14	11 48	11 9	s7 9	11 41
21	Tu	r4 33	morn	2 43	r4 38	morn	....	r4 43	morn
22	We	s7 21	0 33	3 41	s7 16	0 28	0 40	s7 11	0 23
23	Th	r4 32	1 4	4 42	r4 36	1 0	1 41	r4 41	0 57
24	Fr	s7 23	1 29	5 43	s7 18	1 27	2 41	s7 13	1 25
25	Sa	r4 30	1 51	6 40	r4 35	1 50	3 37	r4 40	1 50
26	S	s7 24	2 11	7 34	s7 19	2 12	4 30	s7 14	2 13
27	Mo	r4 28	2 32	8 26	r4 34	2 34	5 22	r4 39	2 37
28	Tu	s7 26	2 54	9 12	s7 21	2 57	6 10	s7 16	3 2
29	We	r4 28	3 19	9 59	r4 33	3 24	6 57	r4 38	3 29
30	Th	s7 28	3 50	10 45	s7 23	3 56	7 40	s7 17	4 2
31	Fr	r4 26	rises	11 28	r4 32	rises	8 22	r4 37	rises



MOON'S PHASES.
(In Standard Time.)

Last Quarter	7d. 9h. 36m. p.m.	7d. 8h. 36m. p.m.
New Moon	13d. 1h. 24m. a.m.	13d. 0h. 24m. a.m.
First Quarter	21d. 3h. 39m. p.m.	21d. 2h. 39m. p.m.
Full Moon	29d. 5h. 34m. a.m.	29d. 7h. 34m. a.m.

EASTERN DIVISION.

CENTRAL DIVISION.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis		
		Sun R. & S. h. m.	Moon R. & S. h. m.	Boat Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	
1	Sa	r 4 26	9 40	.....	r 4 31	9 33	9 10	r 4 36	9 25	
2	S	s 7 30	10 27	0 34	s 7 25	10 20	9 55	s 7 19	10 13	
3	Mo	r 4 25	11 5	1 20	r 4 30	10 59	10 38	r 4 36	10 53	
4	Tu	s 7 32	11 36	2 5	s 7 26	11 31	11 21	s 7 21	11 26	
5	We	r 4 24	morn	2 48	r 4 29	11 57	.....	r 4 35	10 54	
6	Th	s 7 33	0 1	3 31	s 7 28	morn	0 29	s 7 22	morn	
7	Fr	r 4 23	0 23	4 17	r 4 29	0 20	1 16	r 4 34	0 19	
8	Sa	s 7 34	0 43	5 5	s 7 29	0 41	2 3	s 7 23	0 41	
9	S	r 4 23	1 1	5 54	r 4 28	1 1	2 52	r 4 34	1 2	
10	Mo	s 7 35	1 20	6 45	s 7 30	1 21	3 42	s 7 24	1 23	
11	Tu	r 4 22	1 41	7 37	r 4 28	1 43	4 34	r 4 34	1 47	
12	We	s 7 36	2 6	8 31	s 7 31	2 10	5 28	s 7 25	2 15	
13	Th	r 4 22	2 37	9 26	r 4 28	2 42	6 24	r 4 34	2 48	
14	Fr	s 7 37	3 17	10 23	s 7 32	3 23	7 18	s 7 26	3 31	
15	Sa	r 4 22	sets	11 19	r 4 28	sets	8 14	r 4 34	sets	
16	S	s 7 38	9 44	.....	s 7 33	9 37	9 12	s 7 27	9 31	
17	Mo	r 4 22	10 30	0 43	r 4 28	10 25	10 8	r 4 34	10 19	
18	Tu	s 7 39	11 5	1 39	s 7 33	11 1	11 0	s 7 27	10 57	
19	We	r 4 23	11 32	2 32	r 4 28	11 29	11 54	r 4 34	11 27	
20	Th	s 7 40	11 55	3 23	s 7 34	11 54	0 21	s 7 28	11 53	
21	Fr	r 4 23	morn	4 14	r 4 28	morn	1 13	r 4 34	morn	
22	Sa	s 7 40	0 17	5 8	s 7 34	0 17	2 6	s 7 28	0 18	
23	S	r 4 23	0 38	6 2	r 4 29	0 40	3 0	r 4 35	0 42	
24	Mo	s 7 40	0 59	6 57	s 7 35	1 2	3 54	s 7 29	1 6	
25	Tu	r 4 24	1 23	7 51	r 4 29	1 27	4 48	r 4 35	1 32	
26	We	s 7 40	1 51	8 43	s 7 35	1 56	5 41	s 7 29	2 3	
27	Th	r 4 25	2 26	9 35	r 4 30	2 32	6 33	r 4 36	2 40	
28	Fr	s 7 40	3 8	10 25	s 7 35	3 15	7 22	s 7 29	3 23	
29	Sa	r 4 25	rises	11 11	r 4 31	rises	8 4	r 4 37	rises	
30	S	s 7 40	9 5	11 53	s 7 35	8 59	8 51	s 7 29	8 52	



MOON'S PHASES.
(In Standard Time.)

Last Quarter	7d. 11h. 47m. a.m.	7d. 10h. 47m. a.m.
New Moon	14d. 8h. 13m. a.m.	14d. 7h. 13m. a.m.
First Quarter	21d. 0h. 18m. a.m.	21d. 11h. 18m. p.m.
Full Moon	28d. 11h. 28m. p.m.	28d. 10h. 28m. p.m.

EASTERN DIVISION.

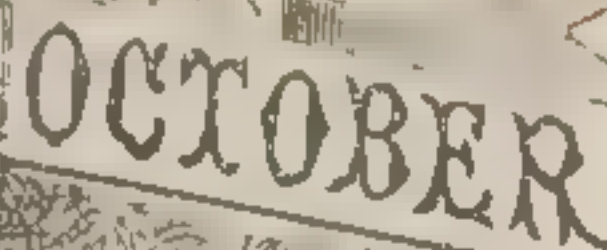
CENTRAL DIVISION.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis		
		Sun R. & S. h. m.	Moon R. & S. h. m.	Boat Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	
1	Mo	r 4 26	9 37	0 15	r 4 32	9 32	9 34	r 4 38	9 26	
2	Tu	s 7 40	10 4	0 57	s 7 35	10 0	10 15	s 7 29	9 55	
3	We	r 4 27	10 27	1 38	r 4 33	10 24	10 51	r 4 39	10 22	
4	Th	s 7 40	10 47	2 17	s 7 34	10 45	11 31	s 7 29	10 45	
5	Fr	r 4 28	11 5	2 55	r 4 34	11 4	.....	r 4 40	11 5	
6	Sa	s 7 39	11 24	3 34	s 7 34	11 25	0 32	s 7 28	11 26	
7	S	r 4 29	11 44	4 17	r 4 35	11 46	1 16	r 4 41	11 48	
8	Mo	s 7 39	morn	5 5	s 7 33	morn	2 4	s 7 28	morn	
9	Tu	r 4 31	0 5	5 59	r 4 37	0 8	2 56	r 4 42	0 12	
10	We	s 7 38	0 32	6 58	s 7 32	0 37	3 55	s 7 27	0 42	
11	Th	r 4 33	1 7	8 1	r 4 38	1 13	4 59	r 4 43	1 20	
12	Fr	s 7 37	1 53	9 8	s 7 32	2 0	6 3	s 7 26	2 8	
13	Sa	r 4 34	2 52	10 12	r 4 39	2 59	7 9	r 4 45	3 8	
14	S	s 7 36	sets	11 12	s 7 31	sets	8 7	s 7 25	sets	
15	Mo	r 4 36	9 1	.....	r 4 41	8 56	9 3	r 4 46	8 51	
16	Tu	s 7 34	9 31	0 32	s 7 30	9 28	9 56	s 7 24	9 25	
17	We	r 4 37	9 57	1 23	r 4 42	9 55	10 42	r 4 47	9 54	
18	Th	s 7 33	10 20	2 10	s 7 28	10 20	11 28	s 7 23	10 20	
19	Fr	r 4 39	10 41	2 55	r 4 44	10 42	.....	r 4 49	10 44	
20	Sa	s 7 32	11 2	3 40	s 7 27	11 5	0 39	s 7 22	11 8	
21	S	r 4 41	11 26	4 30	r 4 45	11 30	1 29	r 4 51	11 35	
22	Mo	s 7 30	11 54	5 23	s 7 25	11 59	2 21	s 7 20	morn	
23	Tu	r 4 43	morn	6 21	r 4 47	morn	3 19	r 4 52	0 5	
24	We	s 7 28	0 26	7 21	s 7 24	0 32	4 18	s 7 19	0 39	
25	Th	r 4 44	1 5	8 20	r 4 49	1 12	5 16	r 4 54	1 20	
26	Fr	s 7 27	1 52	9 14	s 7 22	1 59	6 12	s 7 17	2 8	
27	Sa	r 4 46	2 47	10 6	r 4 51	2 54	7 4	r 4 56	3 3	
28	S	s 7 25	rises	10 52	s 7 20	rises	7 47	s 7 16	rises	
29	Mo	r 4 48	8 7	11 33	r 4 53	8 2	8 28	r 4 57	7 58	
30	Tu	s 7 22	8 31	.....	s 7 18	8 28	9 9	s 7 14	8 25	
31	We	r 4 50	8 52	0 30	r 4 55	8 50	9 47	r 4 59	8 48	

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r4 51	9 10	1 7	r4 56	9 9	10 20	r5 0	9 9
2	Fr	s7 19	9 28	1 42	s7 15	9 28	10 54	s7 11	9 29
3	Sa	r4 53	9 47	2 18	r4 58	9 48	11 31	r5 2	9 51
4	S	s7 17	10 8	2 55	s7 13	10 11	....	s7 9	10 15
5	Mo	r4 55	10 32	3 37	r4 59	10 36	0 36	r5 4	10 41
6	Tu	s7 14	11 2	4 25	s7 10	11 7	1 24	s7 6	11 14
7	We	r4 58	11 41	5 24	r5 1	11 47	2 22	r5 5	11 55
8	Th	s7 12	morn	6 32	s7 8	morn	3 30	s7 4	morn
9	Fr	r5 0	0 33	7 46	r5 3	0 40	4 42	r5 7	0 49
10	Sa	s7 9	1 39	8 57	s7 5	1 46	5 54	s7 2	1 55
11	S	r5 2	2 57	10 4	r5 5	3 3	7 1	r5 9	3 11
12	Mo	s7 6	sets	11 1	s7 3	sets	7 55	s6 59	sets
13	Tu	r5 4	7 56	11 49	r5 7	7 54	8 46	r5 11	7 52
14	We	s7 3	8 21	0 12	s7 0	8 20	9 34	s6 57	8 20
15	Th	r5 6	8 43	0 57	r5 9	8 44	10 15	r5 13	8 45
16	Fr	s7 0	9 5	1 40	s6 58	9 7	10 56	s6 54	9 10
17	Sa	r5 8	9 29	2 23	r5 11	9 32	11 40	r5 14	9 37
18	S	s6 57	9 55	3 6	s6 54	10 0	0 4	s6 52	10 5
19	Mo	r5 10	10 26	3 56	r5 13	10 32	0 55	r5 16	10 39
20	Tu	s6 54	11 3	4 50	s6 52	11 10	1 48	s6 49	11 18
21	We	r5 13	11 48	5 51	r5 15	11 55	2 49	r5 18	morn
22	Th	s6 51	morn	6 54	s6 49	morn	3 51	s6 46	0 4
23	Fr	r5 15	0 41	7 57	r5 17	0 48	4 53	r5 20	0 57
24	Sa	s6 48	1 40	8 53	s6 46	1 47	5 50	s6 43	1 54
25	S	r5 17	2 42	9 43	r5 19	2 48	6 41	r5 22	2 55
26	Mo	s6 45	3 46	10 27	s6 43	3 51	7 23	s6 40	3 56
27	Tu	r5 19	rises	11 6	r5 21	rises	7 59	r5 24	rises
28	We	s6 42	7 18	11 41	s6 40	7 17	8 37	s6 38	7 16
29	Th	r5 21	7 35	....	r5 23	7 35	9 13	r5 25	7 36
30	Fr	s6 39	7 53	0 32	s6 37	7 54	9 47	s6 34	7 56
31	Sa	r5 23	8 13	1 7	r5 25	8 15	10 21	r5 27	8 19

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r5 24	8 36	1 44	r5 26	8 40	10 57	r5 28	8 44
2	Mo	s6 33	9 3	2 24	s6 32	9 8	11 41	s6 30	9 14
3	Tu	r5 26	9 37	3 8	r5 28	9 43	0 5	r5 30	9 51
4	We	s6 30	10 22	4 1	s6 28	10 29	1 0	s6 27	10 38
5	Th	r5 28	11 20	5 8	r5 30	11 27	2 6	r5 32	11 36
6	Fr	s6 27	morn	6 22	s6 25	morn	3 19	s6 24	morn
7	Sa	r5 30	0 31	7 38	r5 32	0 38	4 35	r5 33	0 46
8	S	s6 23	1 51	8 47	s6 22	1 57	5 45	s6 20	2 3
9	Mo	r5 33	3 15	9 49	r5 34	3 19	6 46	r5 35	3 24
10	Tu	s6 20	4 36	10 40	s6 18	4 39	7 36	s6 17	4 42
11	We	r5 35	sets	11 24	r5 36	sets	8 19	r5 37	sets
12	Th	s6 16	7 6	....	s6 15	7 7	9 4	s6 14	7 10
13	Fr	r5 37	7 29	0 27	r5 38	7 32	9 46	r5 39	7 35
14	Sa	s6 13	7 54	1 9	s6 12	7 58	10 27	s6 11	8 3
15	S	r5 39	8 24	1 52	r5 40	8 29	11 9	r5 41	8 36
16	Mo	s6 9	8 59	2 37	s6 9	9 5	11 58	s6 8	9 13
17	Tu	r5 41	9 41	3 27	r5 42	9 48	0 25	r5 42	9 57
18	We	s6 6	10 32	4 23	s6 5	10 39	1 22	s6 5	10 48
19	Th	r5 43	11 30	5 25	r5 44	11 37	2 23	r5 44	11 45
20	Fr	s6 2	morn	6 28	s6 2	morn	3 25	s6 1	morn
21	Sa	r5 45	0 32	7 28	r5 46	0 38	4 25	r5 46	0 45
22	S	s5 59	1 37	8 23	s5 59	1 42	5 20	s5 58	1 48
23	Mo	r5 47	2 42	9 9	r5 48	2 46	6 7	r5 48	2 51
24	Tu	s5 55	3 46	9 52	s5 55	3 49	6 50	s5 55	3 52
25	We	r5 50	4 48	10 32	r5 50	4 49	7 28	r5 50	4 52
26	Th	s5 52	rises	11 8	s5 52	rises	8 1	s5 52	rises
27	Fr	r5 52	6 19	11 41	r5 52	6 21	8 38	r5 51	6 24
28	Sa	s5 48	6 41	....	s5 48	6 44	9 15	s5 49	6 49
29	S	r5 54	7 6	0 36	r5 54	7 11	9 54	r5 53	7 17
30	Mo	s5 45	7 38	1 17	s5 45	7 44	10 34	s5 45	7 51



OCTOBER



NOVEMBER

DECEMBER



MOON'S PHASES.
(In Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

Last Quarter	1d.	6h.	5m.	a.m.	1d.	5h.	5m.	a.m.
New Moon	8d.	0h.	7m.	p.m.	8d.	11h.	7m.	a.m.
First Quarter	16d.	3h.	6m.	p.m.	16d.	2h.	6m.	p.m.
Full Moon	23d.	11h.	30m.	p.m.	23d.	10h.	30m.	p.m.
Last Quarter	30d.	3h.	12m.	p.m.	30d.	2h.	12m.	p.m.

1912

Latitude of Boston
and Chicago.

Latitude of New York
and Philadelphia.

Lat. of Wash.
Cm. & St. Louis

D. of M.	Day of Week	Sun R. & S. h. m.	Moon R. & S. a. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. a. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r7 9	morn	4 36	r7 4	morn	1 35	r6 59	morn
2	Mo	s4 29	0 20	5 34	s4 34	0 21	2 32	s4 39	0 24
3	Tu	r7 11	1 33	6 31	r7 6	1 33	3 29	r7 1	1 34
4	We	s4 28	2 44	7 26	s4 33	2 42	4 23	s4 38	2 42
5	Th	r7 13	3 56	8 19	r7 8	3 53	5 17	r7 3	3 51
6	Fr	s4 28	5 8	9 11	s4 33	5 4	6 9	s4 38	4 59
7	Sa	r7 15	6 21	10 2	r7 10	6 15	6 59	r7 5	6 9
8	S	s4 28	sets	10 51	s4 33	sets	7 45	s4 38	sets
9	Mo	r7 17	4 55	11 36	r7 12	5 2	8 32	r7 7	5 11
10	Tu	s4 28	5 53	.....	s4 33	6 0	9 21	s4 38	6 8
11	We	r7 19	6 56	0 46	r7 14	7 2	10 5	r7 8	7 9
12	Th	s4 28	8 0	1 30	s4 33	8 5	10 47	s4 39	8 11
13	Fr	r7 20	9 4	2 14	r7 15	9 8	11 30	r7 10	9 13
14	Sa	s4 28	10 8	2 55	s4 33	10 11	.....	s4 39	10 15
15	S	r7 22	11 10	3 37	r7 17	11 12	0 36	r7 11	11 14
16	Mo	s4 29	morn	4 20	s4 34	morn	1 19	s4 40	morn
17	Tu	r7 23	0 12	5 5	r7 18	0 12	2 3	r7 13	0 13
18	We	s4 29	1 14	5 53	s4 35	1 13	2 51	s4 40	1 13
19	Th	r7 25	2 20	6 44	r7 20	2 18	3 41	r7 14	2 16
20	Fr	s4 30	3 30	7 37	s4 35	3 26	4 34	s4 41	3 24
21	Sa	r7 26	4 43	8 33	r7 21	4 38	5 30	r7 15	4 33
22	S	s4 31	5 58	9 30	s4 36	5 52	6 28	s4 42	5 45
23	Mo	r7 27	7 12	10 28	r7 21	7 5	7 24	r7 16	6 57
24	Tu	s4 32	rises	11 24	s4 38	rises	8 18	s4 43	rises
25	We	r7 28	6 8	.....	r7 22	6 14	9 17	r7 17	6 21
26	Th	s4 33	7 30	0 46	s4 39	7 35	10 10	s4 44	7 41
27	Fr	r7 28	8 51	1 39	r7 23	8 54	10 58	r7 18	8 58
28	Sa	s4 35	10 9	2 29	s4 40	10 11	11 50	s4 45	10 13
29	S	r7 29	11 23	3 17	r7 24	11 23	0 16	r7 18	11 24
30	Mo	s4 36	morn	4 7	s4 42	morn	1 6	s4 46	morn
31	Tu	r7 29	0 35	5 0	r7 24	0 34	1 58	r7 19	0 34

Cambridge

Ther

MON. JAN. 1, 1912

Wea
Fine.

Clear & mild with light westerly wind. Ground covered with snow to depth of 3 or 4 inches. Sidewalks very slippery with glaze ice in early morning but most of this gone by noon.

In the Garden saw a Flicker, a Downy, a Chickadee, and a Crow. Heard Jays screaming.

Spent most of day in Museum working with Gilmore & Billcliffe. We put up guns, pictures, shot birds, powder flasks etc. that have been in storage for years. Lorry Simmons came out from Boston at 11.15 a.m. & was at lunch & dinner. She looks & seems almost as well as before her illness. Dick Dana called in P.M. staying at home. Will all Club meeting this evening. Heard an Alaskan trip with Eastern States-Barge attendance.

Cambridge - Bethel

Ther

TUES. JAN. 2, 1912

Wea
Fine

Brilliantly clear with fresh northerly wind & sharp, frosty air.

Breakfasted at 7.15, walked to Portus & took 9 A.M. train Eastern Div. for Portland. No increase of snow, marshes & tremulously beautiful, scattered Crows & one flock of Horned Larks on wing the only birds seen. Trees beyond Portsmouth loaded with Brown Tail Hares. Dined at Union Station. Met Dr. & Mrs. Gehring & several of their patients on Grand Trunk train at junction & journeyed thence with them to Bethel, most of way in smoking car with the good doctor not more than 3 inches of snow at South Paris but at Bygones Pond & beyond about 6 inches with thinning ice crust. Excellent sleighing on Bethel. Spent evening in lounge. We talked & looked at photographs & records.

Bethel,

Ther

WED. JAN. 3, 1912

Wea
Fine.

-34/8° at 9 a.m. & 30° at noon

Brilliantly clear with scarce a breath of wind. Air deliciously dry & devoid of chill yet sharp & frosty. A perfect winter day. About 6 in. of ice-crosted snow in open fields and 8 or 10 inches, less icy, in woods.

Just after breakfast saw a Downy & several Chickadees at first and a large flock of Redpolls in birches near house. at 10 a.m. Dr. G. & I set forth with our snow shoes.

Taking an excellent frozen trail that led through dense coniferous woods. After we came upon a *Parus hudsonicus* which was so fast singing a little, making a low, broken, rasping cry like the common scolding scolding of the Chickadee & not very musical. I tried to get near it but it kept flying down being called singing. With this bird was a Canada Warbler engaged in catching his food. - I saw an *Am. Redpoll* and White-winged Crossbill. On latter on wing. The calls of passing Redpolls heard very little while on way back ran into flock of 8 Chickadees with at least two *P. hudsonicus* heard among them. I saw a dozen or more fresh Partridge tracks & saw many of white Rabbits. Dr. G. saw some Pine Grosbeaks of *Col.* but no Crows or Jays. He heard Barn Swallow last night. He & I walked down river at 4 P.M. & I saw 3 or 4 *Am. Redpolls* at Bethel house. In 9 a.m. at

Bethel

Ther THURS. JAN. 4, 1912 Wea
Maine woods in winter. Fine

Perfect day, Clear, windless, cold yet dry.

8 a.m. 3 Downy & 3 Chickadees at Sun

9 a.m. (2) Pileated Woodpeckers in elms over

avenue & start flying from them off one then

coming in to roost as I approached.

1.30 - 1.45. Spent on Snow Sheds following the

Snow sheds. Only with Dr. Gehring. Ther. 76°

where we started. Air deliciously pure & fine

from elms. I saw no more of snow on

car covering yet was perfectly comfortable.

Longer woods & strangely beautiful. in the clear

sunlight and sharply alive with birds which

in their own way seemed to be a perfect

mass of freshly made trails. Then left them

& began walking with so many tracks of

Rabbits & Red Squirrels. Those of mice only numerous

one fine trail winding about everywhere.

We encountered no less than six flocks of Chickadees

most of them containing 2 or 3 Canada Nuthatches, one

having also a Golden-crust Kinglet and another

a single Blue Jay. Redpolls heard many times

& one flock of 12. Snow. They are feeding in the

gray birches & cedar birches, the latter heavily frosted.

Nuthatches feeding on fir cones. now extremely numerous

around Pine Spruces over. Dr. G. saw a flock

of them recently and a Northern Shrike about a

week ago. Mrs. Marine, one of his patients,

claims to have seen 2 Crows & heard them caw

on January 1 very near the home but the

doctor doubts this.

At 4 P.M. Dr. G. & I started for winter walk

taking the road up Paradise Hill & following it

no far as the first exposure. It was rather cold.

We saw no birds. Twilight fell on us yet both

Sat in lounge all the evening.

Bethel - Cambridge

Ther FRI. JAN. 5, 1912 Wea
18° at Cambridge Stormy
4 P.M.

Cloudy with fine snow falling most of
forenoon. Very cold & raw with N.E. wind.

Left Bethel by 9 a.m. train. Fir, Spruce &
Pines beautifully powdered with fine dry

snow and the air thick with falling flakes
all the way to Portland which I reached

at 11.50. Thus far I saw only one Canada
Lark, a Crow in Talmouth. Took 12 o'clock

train, Eastern Div., for Boston. Salt marshes
unusually submerged by unusually high

tide and Gulls flying over them. Snow
& ice everywhere. Gelbrat met me at

North Station. It seemed bitterly cold in
Boston & Cambridge for more so than

at Bethel - yet the therm. stood at 18°
when I reached our house. Went straight

my mail before dinner, at which I
had E. C. & Miss Thunders, C. being in

her room. Snow drifting in Cambridge.

Cambridge

Ther 5° (at 8 a.m.) SAT. JAN. 6, 1912 Wea Fine

Clear & cold with high N. W. wind.
In the Garden saw a Chickadee
a Crow & a pair (♂ & ♀) of Titmice
and heard a Jay screaming. The
Crow was in a pear tree within a
yard of a shank bone of beef which
Gilbert put up there on Thursday but
I did not see him touch it. Gilbert
saw 3 Crows close to yesterday.

I spent day in Museum
writing letters. Francis G. Shaw
of Concord called at 1 P.M. He wishes
to get in touch with New York game
protectors, especially Brewster. I
promised him a letter of introduction
to Chapman. He stayed half an hour
E. R. S., C. Miss Hinds & I spent
evening at Kupperman's where C. read
to us. I have a heavy cold developing.

Cambridge

Ther 6° at 8 a.m. SUN. JAN. 7, 1912 Wea Fair.

Partly sunny, largely cloudy. Very cold.
A Jay screaming in the Garden was
the only bird noted there except a
few House Sparrows.

Spent most of day in Museum
writing a few letters and several
pages for my journal giving some
account of my recent experiences
at Belknap. My cold was very
troublesome. Because of its obviously
infectious character I took breakfast
and dinner apart from the other
members of the family. At the latter
meal they had as guests Miss Allen,
Miss Joany & Miss Willard. Will &
Alice Stone called in late P.M.
We sat in the Kupperman's this
evening and C. read to us from
Dr. Gamble's book & from Pier Collin's

Cambridge.

Ther
6°, 20°

MON. JAN. 8, 1912

Wea
Dull.

Cloudy with rising temperature.
Snow began falling about 6.15 P.M.
It is now (at 9 P.M.) "making" fast
with every prospect of a heavy fall.

In the Garden heard a Jay screaming
& saw a few House Sparrows. There
seems a dearth of bird life there now.

Spent day in Museum beginning
work on a Squirrel article desired
by Mr. Hager for Harvard Grad. Mag.
I had promised it for their January
number but failed to get at it in time.

C. worked most of forenoon typing
some notes by Frank Bolles which
I have had in M.S. for several years.

One relates to Orole the other to Whiffenrill.

Mr. Cary called at 5:30 to ask me to
give a lantern slide talk at Harvard
Union for Harvard Nat. Hist. Soc. This
I declined to do. C. read to us in
Haggenrath this evening.

Cambridge

Ther

TUES. JAN. 9, 1912

Wea
Fair

The snow turned to rain in the
night and this morning every thing
was sheeted with ice. The
forenoon was dull but the clouds
parted & a cold N.W. wind started in P.M.

In the Garden I saw a Jay &
heard a Flicker. Besides that
there were only a few Sparrows.

My day was spent in Museum
working on the Squirrel article at
which I made but slight progress.
Read Mr. Walker took up more
than an hour of my afternoon but I
was glad to see him. He talked with
me and with Percy about the latter's
case in court in regard to an assault
by forcing on his son. C. read to
us after dinner while Walter Deane
came to call on Dr. May. He stayed
about half an hour.

Cambridge

Ther 10°, 18° WED. JAN. 10, 1912 Wea Fine

Clear & cold with fresh N.W. wind
In the Garden saw a Chickadee, a
Jay, a Flicker & a few House Sparrows.

Spent day in Museum
working on the Squid article
and getting ahead fairly well
with it. No one came to
interrupt me. C., Miss Houchens &
I lunched together, E. R. S. having
gone to the Haystack. Her first
outing of this kind since she
came here early last week.

Lorry Fuller dined with us
this evening. C. read to her
after luncheon but retired to her
room before coming because of
a headache. The sidewalks are
said to be dangerously slippery
everywhere where not packed.

Cambridge

Ther 8° THURS. JAN. 11, 1912 Wea Fair

Forenoon sunny; clouds gathering
in afternoon. Cold with light W. wind.

In the Garden. I heard a Jay
screaming and saw 2 Flickers, both
females, hopping about on the snow
under the Parkman's Apple tree
eating the fallen fruit with which
the snow was littered. One January!
I saw a Flicker pecking off the bark
of our pebble pear tree which was so
injured by frosts of this species last year
Gilbert protected the tree with board on
the 2nd & it has not been attacked since.

Spent day in Museum working on
Squid article & making fair progress.
Sam Henshaw called at 4.30 staying
an hour. He asked my consent to the
appointment of Outram Bangs as Assistant
Director of Herbaria at the Museum which, of
course, I was only too happy to endorse.
A Mr. Preston called in the Sarah Ames
& her little baby was at lunch with us.

Cambridge.

Ther
8°, 10°

FRI. JAN. 12, 1912

Wea
Stormy

Still another cold day - indeed
bitingly cold - with snow falling
ceaselessly yet so sparingly that
it no more than 3 or 4 inches
between day break & dark.

In the Garden a Chickadee, a
Jay, a Flicker and 5 or 6 Sparrows
were noted.

I spent the entire day in
Museum working on the
Squirrel article and doing not
so badly with it. No callers
except the Carpenter Belchiff.
C. had to go in town for the
forenoon & appeared at luncheon
late & chattered. She did not
come down to dinner after
which E. R. S. read from Colburn
House in Essex to Miss Henderson.

Cambridge

Ther
- 5°, +10°

SAT. JAN. 13, 1912

Wea
Fine

Coldest day of winter thus far & of
any January since 1887 the coldest day.
Brilliantly clear with light north wind.
In the Garden heard a Downy & saw
several House Sparrows, a Flicker
and 5 Purple Finches, one a handsome
red ♂, the other four in the plumage
of the ♀. At first I saw only the ♂.
and one gray bird the other then
appearing about an hour later (12 hr.).
They were all, with the Flicker, on
our Packman's apple tree feeding on its
tiny fruit. which the Gray Squirrels, also,
have begun to attack of late.

Spent entire day in Museum working
on Squirrel article and almost finishing
my first draft of it. Miss Emily Howard
lunched with us. C. read about at noon.
Herbush telephoned at 3 P. M. to Correll
was about snow falling some little.

Cambridge

Ther - 4° SUN. JAN. 14, 1912 Wea Fine

Sunny but hazy. Morning very cold (0° at 9 a.m.) & still, moderating a little as the day wore on.

In the Garden a flock of Purple Finches spent the entire day in Parkman's apple. I counted 4 red males & 11 gray birds. Several House Sparrows with them. A Chickadee & 2 Downy Woodpeckers, ♂ & ♀, in neighboring pear tree at beef bone which was visited by a Crow, also. Saw a blue Jay near there & a Flicker eating blackberries.

Spent forenoon in Museum writing letters & adding a paragraph to Squire's letter. Miss Allyn, Will & Alice Stone, their daughter Bessy Knottson & her husband dined with us at 1.30. I had the Stones & Knottsons in Museum most of afternoon & showed them many birds nests & eggs. C., E. R. S., Miss Hendon & I read in Hingcamp after supper.

Cambridge

Ther 30° MON. JAN. 15, 1912 Wea Stormy

Raining and sleeting. Trees & bushes encased in clear ice but not loaded down heavily. Mild but chilly.

In the Garden saw 10 or 12 Purple Finches several House Sparrows & 1 Chickadee. The Purple Finches were in the little apple tree all day. They were greatly bothered by the ice which encased the front & prevented them from getting at it freely. I saw at least two red males among them.

Spent entire day in Museum working on Squire's article and finishing the first draft of it at 6 P.M. C. work at a all forenoon copying over them half of it. We had Miss Balch at luncheon. Mother Club this morning. Judge J. J. Talbot interestingly about a trip to May Lake Islands in 1906

Cambridge

Ther
10°

TUES. JAN. 16, 1912

Wea
Fair

Cloudy with dim sunshine in late P.M.
Cold again. Excellent sleighing with
4 or 5 inches of icy snow.

In the Garden a Chickadee, a
Jay, a Downy & 8 or 10 Purple Finches
were seen or heard. The Purple Finches
mostly on snow under Postlums
apple, one or two seeking grain of
coarse sand on icy plank walk.

Spent day in Museum
revising Squirrel article, recording &
condensing a number of loose
paragraphs. Miss Henderson left on for
good just after breakfast. We had
Miss Cary Parsons at luncheon.
Will Simmons & his pretty wife at
afternoon tea with Miss Ullgren & her
niece. C. did not appear after that
E. R. S. & I dined together. She
read "West on Ice" at dinner.

Cambridge

Ther
10°

WED. JAN. 17, 1912

Wea
Fine

Clear & continued cold with
little or no wind. Trees & shrubs
still encased in ice.

In the Garden I saw a ♂ Titmouse
and 6 or 8 Purple Finches eating
Postlums' apples. Crows were heard
cawing not far off.

Spent evening day in Museum
working on Squirrel article. I
had thought it finished & it
would have been read not Hoyer
informed me by telephone this
morning that he can print only
2000 words while I had written
twice that number. Hence the added
topic of condensing & recording.
It will take several days yet.
Hinslow Clark of Milton called this
afternoon but I could not see him
the work is far more than I can do
before the end of the month.

Cambridge

Ther

THURS. JAN. 18, 1912

Wea
Dull

Cloudy, calm, mild. Snow wasting fast, ice all off bushes, arbutus slipping from roofs. A real "January thaw".
In the Garden saw 8 Purple Finches in Portman's apple tree (3 of them red necks), a ♀ Downy in a pear tree. Heard Crows cawing in the lindens about sunrise & later a Blue Jay screaming in the jungle.

The recasting of the Squirrel article proves even more difficult than I had anticipated. I worked at it steadily all day but made no progress.

Indeed I only made a bad matter worse so far as I can judge now.

No one came to interrupt me.

C. went in a taxicab to a reception at Milton at Mrs. Forbes's in P.M.

So my & I dined together. She read Callaghan's book to me for an hour, later.

Cambridge.

Ther
50°

FRI. JAN. 19, 1912

Wea
Dull

Cloudy & very warm with a little rain. Streets deep in slush.

In the Garden. Crows cawing, Jays screaming, a Golden-Crest (the first noted this month) feeding, about 8 Purple Finches lingering near the Portman's apple tree which they seem to have stripped of fruit in 2 days. I think they have been eating only the seeds for the tree is still red with what looks like strands of the pulp & so is the snow under the tree. This seen from my window.

Spent day in Museum working on Squirrel article. I have cut it down in places & added to it in others. C. was in town all day. Toying & I lunched & dined together. Emily Haywood with us at luncheon. Longest lunch I have had in my life. Rightly said.

Cambridge

Ther

SAT. JAN. 20, 1912

Wea

7 fine.

Brilliantly Clear & Cool with brisk westerly wind.

In the Garden saw a Blue Jay & a ♀ Downy & heard Crows cawing. If there were any Purple Finches I failed to notice them. Saw Gray Squirrels were gleaning after them in the Parkman's apple tree.

Worked in Museum all day on Squirrel article, C copying it all forenoon. I put the very last touches to it, I am sure, at six o'clock this evening. I began it on Jan. 8th! What a waste of time! No calls to-day. Two loads of snow from Concord. E. R. I read John the

Cambridge

Ther

SUN. JAN. 21, 1912

Wea

20°

7 fine

Clear & Cool with light northerly wind having no chill to it.

In the Garden saw only 2 Crows perched in an elm and a few House Sparrows. Heard the screaming of jays & the ~~the~~ ~~the~~ ~~the~~ of a Golden-cree; also the call of at least one Purple Finch.

Wrote a few letters after breakfast and then walked down to St. John's where I met C. & had a fine sermon by Dr. Hodge. Walked back with E. R. & Mrs. Lathrop, dining at 1.30. We had lunch with Geo. V. Loomis, Mr. & Mrs. J. B. Russell, Lucy Dayton & Miss Allger. I showed Museum to the Russells. Geo. V. came over later & we had a good talk. C. & E. R. I. had to run in here after supper.

Cambridge

Ther

MON. JAN. 22, 1912

Wea

Fair

Partly sunny, largely cloudy. Cool

In the Garden saw a Chickadee
a Blue Jay and several Sparrows.
Heard Crows calling in early morn
Several of our neighbors who put
out feed tell me that the birds
are not coming to it this winter.
They are certainly indifferent to it
in our grounds although the Chickadees
eat a little occasionally. Now here
the big beef bone proved much more
attractive. Crows & Jays seem nearly to
insult women out looking at
C. & I worked hard on the Squirrel
article all forenoon. At 12 we were
all nicely cozied in by the woodstove.
making 10 ft. of about 32 or 33 cords.
Gillman took us to Mr. Hooper at 4.30
pm. J. called me by telephone at 8.30
to say that he "thought it a very
interesting article & should print the
whole of it". This pleases me not a little
at 5 P.M. I came in to C. reading.

Cambridge

Ther

TUES. JAN. 23, 1912

Wea

Dull.

Cloudy, calm, mild with
a little fine rain.

In the Garden heard Crows
calling at daybreak and later
Jays screaming, a Flicker calling
& Chickadees (apparently two or
three of them) scolding. Saw a
solitary Purple Finch - a gray one
in the top of a larch. There
were half a dozen House Sparrows.

Spent entire day in large
room of Museum working on the
Purdie collection. Went through
the remaining birds, selecting such as
I care to keep. Dealt similarly with
the nests & eggs. They like the birds
have been infested with A. n. n. n.
and rather badly injured. Of course
we have bisulphidated everything.
No callers or guests to-day.
C. at luncheon only. E. R. S. read
Collier's book to me this morning.

Cambridge

Ther WED. JAN. 24, 1912 Wea
20°; 28° Fine

Clear & Cool with light W. wind.

In the Garden I saw only
a Crow a Jay & a few House
Sparrows. Three or four of the last
named birds are roosting regularly
in the vine under the hood over the
museum door, a very sheltered place.
I started a Screech Owl from it one
night last autumn. Probably he was
looking for Sparrows there. No
Screech Owls have been seen or heard
hereabouts since winter closed in.

Spent day in Museum
working on Purdie Collection. Got
the selected skins, nests & eggs arranged
& into cans, the others packed to send.

Went to Dine meeting at Barlow's
this evening. I stayed at home. E. R. S.
read "West in East" to me after dinner.

Cambridge.

Ther THURS. JAN. 25, 1912 Wea
6°; 18° Fine

Clear & cold with light N.W. wind.

In the Garden heard Jays and
but noted nothing else save a few
House Sparrows. A post card that
came to night from Walter Deane
informs me that Sam Henshaw
saw three Evening Grosbeaks on
Highland St. about 7 a.m. Jan. 22!
I have just written to ask H. about it.

Spent day in Museum working
on a collection to send to Fond du
Lac for a school there. It was begun
a year or more ago at C's suggestion
& well represented all but 14 species of
the small land birds of Wisconsin.

C. watched, again this time with
ear ache which began on Tuesday. She
kept in her room all day. Mrs. Chapman
& Mrs. Sweeney looked with

Cambridge

Ther FRI. JAN. 26, 1912 Wea
-2; +20 Fair

Cold with light northerly wind.
Forenoon sunny; afternoon cloudy.

In the Garden I heard a
Downy and saw a lone Chickadee
and a few House Sparrows.

Spent day in Museum.
Worked on Purdie collection &
other birds; also on preparing for
making extras of Purdie memorial
100 copies of which came Tuesday eve.

C. much better to day but still
in her room. E. R. S. & I lunched at
the Diner's with Walter & Margie (1/30)
Got Galley proof of Squirrel article this
eve but shall not touch it before to-morrow.
Thayer has not changed a word of
what I wrote.

Cambridge

Ther SAT. JAN. 27, 1912 Wea
4° Dull.

Cloudy, the Sun showing dimly
at times, fine snow falling through
forenoon but making scars more
than an inch in all. Bitterly chilly.

In the Garden I saw nothing
whatever save a Crow in the pear
tree near the beef house and a
few House Sparrows. Gray Squirrels
seen as numerous as usual & I
have seen them out during the
coldest days. There must be 4 or 5
living in our grounds.

Spent day in Museum. Read
proof of Squirrel paper in A. M.
In P. M. got off a part of Purdie
Memorial C. & E. R. S. helping
E. R. S. read Thayer's to me in hall
after dinner.

Cambridge.

Ther - 3° + 20° SUN. JAN. 28, 1912 Wea Fine

Clear & Cold with light N. wind.
Slippery sidewalks. Perfect sleighing.

The Garden failed to show me
a bird of any kind save the
House Sparrows, present in numbers.

Met C. at St. John's at 10.40.
Dr. Hodges absent. Poorish sermon
by one of his assistants. Thin
attendance. I walked both ways,
C. went & returned in a coupe.

We were all at dinner & had with us
as guests Mrs. Edward Wyman,
Miss Allyn, Mrs. Cobb & Irving Fuller.

Wrote letters in Museum before
& after church & after dinner. C. & E. R. S.
read Kipling on India in evening.

Cambridge.

Ther 12°, 22° MON. JAN. 29, 1912 Wea Snow storm Stormy

Cloudy with fine, dry snow
falling down almost ceaselessly yet
making no more than 3 inches all day.

If the Garden attracted anything
save Gray Squirrels and a few House
Sparrows I had no evidence of the fact.
Where can the Chickadees, Kinglets &
Woodpeckers which frequented it
earlier in the winter have gone of late?

Spent day in Museum trying to
compose an appropriate foreword for
the posthumous notes by Frank Bolles
on Whistlers & Ooks. Made but poor
progress at this task. Charlie Hayes
interrupted it by arriving at 1.45 &
staying until 4. At 4.45 I came
in for a chat with the Reading Club.
Sat in hall after dinner C. & E. reading & so on.

Cambridge

Ther

TUES. JAN. 30, 1912

Wea
Dull.

Cloudy with a little fine snow falling every now & then. Calm. Rather mild but not melting.

In The Garden heard a Jay screaming and saw a few Sparrows but noted no other birds. Three Gray Squirrels, probably two males in amorous pursuit of a female, ran all over the place, mostly through the snow-laden tops & upper branches of trees, keeping it up at intervals for an hour or more.

Spent day in Museum working on "foreword" to Bollen field notes. It came badly in forenoon, finally in afternoon when I finished it. C. & E.R.S. read aloud to me in "Hesperomys" this evening.

Cambridge - Boston

Ther

WED. JAN. 31, 1912

Wea

Snow-Storm.

Cloudy with light N. wind, large flakes of damp snow falling all day making about 3 inches.

A Blue Jay & Sparrows in the Garden.

To Harvard Sq. for hair cut 9 a.m. Then in Miss Purdie's studio where I selected a number of Henry's books for Wolfboro library, John Bollen & myself. Called on Stokes, seeing Alice & Mary. Meeting Trustees Pub. Res. 42-1. Dr. Walcott in chair, Nat. Kidder, Jas. Brooks, Edw. Forbes, Dr. Woodbury, Messrs. Clark & Olmstead & two others there. Next to "Bunch O' Grapes" for lunch. Then to our office 1.30 - 4 P.M. Next looked at Smith type-written for C. Then called at Holdens & bought yellow Canary \$5.00 / Got home at 6. Read transcripts & E.R.S. Helping in Hesperomys this eve.

Cambridge.

Ther THURS. FEB. 1, 1912 Wea
30° Fine

Brilliantly clear with fresh, cold N.W. wind
Ground snow-covered to depth of
about 10 inches. Excellent sleighing.

In The Garden I saw a ♀
Junco and a Goldfinch, neither of
which species was noted there last
month, besides a Blue Jay, a Downy
and six or seven House Sparrows.

Spent day in Museum (where the
new Canary sang delightfully). Began
on Umbagog book for first time since
last spring & wrote 2 pp. about the
Hooded Merganser. Worked most of P.M.
on changes in text of foreword to
posthumous notes by Frank Bolles suggested
by Mrs. Bolles who read the M.S. this
forenoon & dictated several inaccuracies
of statement. Mr. & Mrs. Sawyer, Miss Allen
& Mrs. Bruce dined with us at 1.30.
C. & E. R. S. read to me this evening.

Cambridge.

Ther FRI. FEB. 2, 1912 Wea
30° Fine

Cool, calm & sunny with clouds
gathering in late afternoon.

In The Garden there were about
the usual number of Sparrows, a
loud-screaming Blue Jay and a
single Chickadee eating sweet. I saw
no other birds. Squirrels were frequently
in sight. One was carrying a large
apple in his mouth with much difficulty.

Spent day in Museum. Packed
out a lot of Whippoorwill & Kingfisher
to send to Ridgway for use in connection
with his book and a long-billed Cuckoo
which Wayne collected & sold me in 1889 &
which I am now giving him at his urgent
solicitation. Began work on Umbagog book
at 11 A.M. at it until 6.30 making
fine progress with an article on Hooded
Merganser. C. in Boston all day.
She & E. R. S. read about after dinner.

Cambridge

Ther

SAT. FEB. 3, 1912

Wea
Fine

Much colder, the snow sparkling
in brilliant sunshine.

In The Garden I saw a Jay
and a few House Sparrows &
heard a Downy calling.

Spent day in Museum
working on Hooded Merganser.
It dragged somehow but
ground out a couple of
additional pages of dubious worth.
No one called except Phelan
whom I sent for to see about
something in the Ford's house.

E. R. S. went out to lunch
at Miss Balch's. C was with me.
We then spent evening in Hygeum
reading aloud from Kipling.

Cambridge

Ther
21°

SUN. FEB. 4, 1912

Wea
Fine

Clear with strong, raw N. W.
wind which seemed to pierce one's bones.

In the Garden saw only a Chickadee,
a Blue Jay & about 12 House Sparrows.
Heard a Crow cawing & a Flicker
calling in the Longfellow grounds.

To St. Johns at 10.40 with C.
Dr. Hodge preached, Dick Dana in
his pew & Sarah Bates in hers. The
wind hard to face walking home.
Besides Miss Allyn we had with us at
dinner Will & Alice Stone and Harry
& May Cunningham. They all left
about 3.45, C. & the Stones taking a
motor car in town. I wrote letters in
Museum 9.15-10.15, 12.15-1.15 & 4-6.
C. & E. R. S. read aloud this evening.

Cambridge.

Ther
10°

MON. FEB. 5, 1912

Wea
Fair

Thin clouds with crisp, cold air
& little wind

Crows cawing in lindens at sunrise.
Jays screaming in the Garden later.
A dozen or more House Sparrows about
the place. No other birds noted.

Working on Umbagog in Museum
all day. Added three M.S. pp. to
Hooded Merganser. C. copied all
forenoon, typing what I have done
thus far some 1700 words.

Miss Balch at luncheon. I
came in at 5 P.M. To afternoon tea
with C's reading class.

Nuttall Club meeting this evening.
Nat Francis read a paper on Grebes
- very whimsical & amusing.

Cambridge.

Ther

TUES. FEB. 6, 1912

Wea
Dull

Cloudy, calm, mild threatening a
storm which failed to materialize.

Heard a Crow cawing at sunrise
^{noted} but no other birds about the place
except House Sparrows.

An interrupted day. C. left
for Boston at 11 To spend a
week at the Abbotsford with Emory
Hutton (who came from New York);
Bill Chiff arrived at 11.30 & stayed
until 3 making measurement for changes
in Museum; Copeland appeared at 2
To select some Purdie birds; Batchelder
called at 5 & stayed until 6, chatting.
Nevertheless I worked at my writing
at odd times & added 2 pp. of M.S.
E. R. S. read aloud & Mrs. Cobb dropped
in for half an hour, this evening.

Cambridge.

Ther

WED. FEB. 7, 1912

Wea

Fine

Sunny, Calm & rather mild
the snow thawing a little but not
enough to injure the Slighing.

The only birds noted in the Garden
were a few House Sparrows.

Spent day in Museum working
on Umbagog and adding several
pp. to the Hooded Merganser story.

John Baker and Mr. Fennell
came to look over the Purdie birds,
the former taking away a good
many, the latter none.

Mrs. Hager & Emily Hager went
lunched with Irving & me. The
former had just seen Miss Eastwood
who landed from S.S. Devonian last am.
Irving read Kipling to me this eve.

Cambridge.

Ther

THURS. FEB. 8, 1912

Wea

Fair.

Sunny but very hazy & at times
cloudy. Calm & mild with melting snow.

Crows cawing about the house at
sunrise, a Golden-crust Kinglet heard
in the Garden at sunset. No other
birds save House Sparrows.

C. came out from Boston to
type-write and kept at it steadily
from 9.30 to 1 copying all I had
written & written this morning. The
Merganser story is now finished, I think.

At 1.15 S. R.S. & I started for
Miss Allyn's rooms. Soon after we got
there Mrs. Bolles joined us. Miss Allyn
gave us a delicious luncheon. I got
back at 3.30 & found Outman Bangs
who had come up to look at birds.
At 4 I met Prof. J. H. Putnam in our
old house. He has about decided to
leave in S. R.S. and Kipling this eve.

Cambridge - Boston.

Ther
50°

FRI. FEB. 9, 1912

Wea
Fine

Clear & cold with brisk N.W. wind.

A Downy (2) & a few House Sparrows were the only birds noted in the Garden.

Spent forenoon in Museum superintending Billcliffe's work on folding case of mounted birds. Also revised M.S. of Merganser Story. Batching came to select from Purdie birds.

I went into Town just after lunch. Ordered a lot of flowers at "Rosary" for C. & Eunny. Called on Miss Purdie to help & advise her about disposal of books. Was there from 2.35 to 4.20

where I went to Abbotsford. Afternoon tea with C., E.R.S., Sister Frances, Miss Hendes & Mary Greenwood. Dined at 6.45 with C., E.R.S. & Eunny Kethel. Will & Alice Stone came at 8. They & I left at 9.15. I spent hour at Athletic Club reading & got home at 11. Bitter cold night.

Cambridge.

Ther

SAT. FEB. 10, 1912

Wea
Fine

-4° min +2° max.

Clear & bitter cold with fresh N.W. wind. Total range of Ther. from sunrise to sunset on Sat degree is -4° to +2°.

Two Crows in Lin dens, four or five Sparrows in Garden. Saw no other birds about the place.

Spent day in large room in Museum directing work of carpenters etc. They finished installing the folding case - now a sliding one - at its new position & Gilbert & Perry put back all the mounted birds in it. I transferred part of first series from small case to big one.

Bronchial cough back again & colder tomorrow. It decided me not to go to Dramatic Club to-night. Sent my letter to Miss Stone. E.R.S. & I had breakfast in our room morning.

Cambridge

Ther 2°, 20° SUN. FEB. 11, 1912 Wea Fine

Clear & somewhat less cold with light N.W. wind.

Only birds seen about the place were 2 Crows & a few House Sparrows.

Spent forenoon in Museum.

Worked on Morgan's story adding some fresh matter, interpolated.

Walter Deane called at 12.40 & stayed half an hour. E.R.S. & I had at dinner Miss Allyn, Mrs. Cobb,

Loring Fuller and Miss Eastwood whom I saw last in London. They all

departed at 1.30. After that I wrote letters in Museum until 6.30.

E.R.S. went Kipling to see after supper.

Mrs. Bolles left near M.S. of her husband's to-day for me to look over some of the papers she submitted.

Cambridge

Ther 4°, 24° MON. FEB. 12, 1912 Wea Fine

Clear & calm with rising temperature.

Heard a Jay screaming in the Garden & saw a few House Sparrows there.

Spent day in Museum superintending work of two Carpenters & Gilbert. Peray with us afternoon. We moved lots of things to new places & I got the entire first series, all my tropical birds, & all my butterflies, in one large case.

Walter Deane called at 9 a.m. & spent 20 minutes. He borrowed a pair of Wild Pigeons to show a friend. Miss Bolles worked with E.R.S. & me.

I came in to evening class at 5 & had a good talk. Preston Clark came out at 7.45 & stayed with 9 Coltrane and gave some papers. I have very much to do.

W. Deane saw pair Sparrows in Green of place on Ball's Street.

Cambridge.

Ther TUES. FEB. 13, 1912 Wea
10°, 24° Fine

Clear & Continued cold with light
westerly winds. A good winter day.

In the Garden I heard a Chickadee
and saw 3 Blue Jays all together
in the lilacs. There were a few
Sparrows, also.

Spent day in Museum supervising the changes making there. We got all the mounted birds settled in their new places and the gallery opening along its entire length on the room beneath with merely plants where the tiers of boxes have been, a great improvement. I grudge giving ~~so~~ much time to making these changes but they are imperative. E. R. S. & I had breakfast lunch & dinner together. She read Kipling to me this evening.

Cambridge.

Ther 12°, 30° WED. FEB. 14, 1912 Wea Fair.

Cloudy with light southerly wind
and slowly rising temperature.

Crows cawing near the house about
sunrise. Nothing but Sparrows seen
in the garden.

Spent forenoon in Museum
writing letters. Philo's man at
work running water pipe from cellar
to balcony. Beechey & his man
began tearing out cornice at south end
of building. It will be replaced by a
plate glass skylight. Walter called at 9.
I went in town at 1.30. Called
at office & dictated letter to Prof Putnam.
Then to meeting And. Soc. Dr. at
Mrs. Cabot's. I expressed disapproval of
sale of garden light collection now pending.
Forbes, Field, Allen, Mrs. Cabot, Mrs. S. Allen,
Mrs. H. Allen, Mrs. H. Allen, Home by 7.45

Cambridge.

Ther
24°

THURS. FEB. 15, 1912

Wea
Fair

Sun shining dimly & fitfully through dense haze & thin clouds. Calm & mild.

In The Garden heard a Chickadee, a Golden. Crest, a Brown Creeper, a Downy & one or two Crows. First work of Flicker on exposed branch of beech from tree but no bird of this species seen about one place this month.

C. came from Boston at 9.20 and her type writer checked in Museum in whole forenoon. I could give her only 2 pp of M.S. so she worked mostly at copying her diary of several years ago. I wrote the Mallard & Red. by Black Duck for Umbagog book during 4 pp mostly in P.M. C. & Miss Eastwood at lunch. E. R. S. read Hopkin's book evening.

Cambridge.

Ther

FRI. FEB. 16, 1912

Wea
Dull.

Cloudy with light easterly winds. Chilly but rather mild, the snow thawing a little despite the absence of sun.

Two Downy Woodpeckers & a Chickadee flitted through The Garden about 9 A.M. I saw nothing else there except Sparrows.

Spent day in Museum working on Umbagog book. Began on the Black Duck and wrote about 4 pp.

It is likely to be a long story for the subject is of exceptional interest, at least to me. Fortunately I should be able to draw much more copiously than usual from my journal which contains many pertinent passages ready made.

E. R. S. & I breakfasted, lunched & dined together. She read aloud from 8 to 8 Bell as usual.

Cambridge

Ther
25°

SAT. FEB. 17, 1912

Wea
Fine

Sunny, calm & mild.

A Golden-crest, a Chickadee, a Blue Jay, a Downy and 2 Crows seen or heard in the Garden. The Chickadee was whistling the phoe-be notes at 3 P.M., the first time I have heard them this year.

Spent day in Museum working on the Black Duck story & making small progress. For one thing I had a headache, for another Billcliff interrupted me several times with questions about the sky light which is glazed in place of having the big room with light.

Mrs H. G. Fenderson brought with E. R. D. & me, E. read transcript to us this evening.

Cambridge - Boston

Ther
25°

SUN. FEB. 18, 1912

Wea
Fine

Clear & calm. Early morning cold, very mild later in day with water, slush & mud in all the streets.

In the Garden noted a Downy, a Jay & Sparrows.

To Boston at 9.45; Met C. & Emory at Immanuel Church - Beautiful music but I did not like sermon by Dr. Worcester. Emory & I called on Sally Danaborn after leaving Church. Back to Abbotsford by 1 P.M. We had as guests there Dorothy Carter, Mr. Harlow & his fiancée Molly Brad. Dined at 1.30 in inner room.

Talked in C's room from 2.30 to 3.30. Home by 4 to find Willy Garrison & his wife. E. R. D. read this evening.

Cambridge

Ther
30°

MON. FEB. 19, 1912

Wear Fair

Mostly Cloudy or very hazy with
pale sunlight showing every now & then
Very mild. with little or no wind.

The Garden apparently uninhabited by any birds save a solitary Crow, which perched in a cherry tree & cawed loudly, and a few Sparrows.

I spent day in Museum working
on Black Duck actula and adding
two pp. Had many interruptions
& a good deal of revising of sheets
which C. was copying. She was at
lunch & she & Gummy at dinner.

I came in to reading club tea as usual.
 Carpenter finished South Allyn in Nov.
 Nuttall Club meeting, 19 persons. I
 read Hounded Neogomphus adish.
 For slides saw by party. I was in
 for slides saw by party. I was in

Cambridge.

Ther
46°

TUES. FEB. 20, 1912

W. ea
Fine

Raining from daybreak to 10 a.m.
Remainder of day clear, calm &
warm

A Blue Jay screaming in the Garden
Nothing else noted there except a
few Sparrows.

Spent day in Museum working
on Umbagog book but making
wretchedly poor progress - an
Black Duck story. The building
was disturbed by men & women
for two conferences & two film shows
were being given, besides Percy &
Lambert, and I was expected to
go there every now & then. I
dinnered from the tableland to stay.
Left this P.M. - I dined at Walter's
& spent evening - very small dinner.
Mrs. Mrs. McMillan, Roland & Mrs. Thayer
& some others after dinner the other guests

Cambridge.

Ther
25°

WED. FEB. 21, 1912

Wea
Dull

Densely cloudy with heavy rain
beginning soon after nightfall.
Early morning cool, evening warm.

A Chickadee whistling phonetic, a Downy,
+ a Jay screaming lustily were the only
birds except Sparrows noted in Garden.
An emaciated Scrub Owl in gray
plumage received, this morning, by mail,
from Concord was found, Mrs. James
wrote, alive but weak in the yard,
in front of our Bungalow. She put it
in a cage but it did not live long.

Spent day in Museum working
on Black Duck story & making
trifling progress. Darling called at
9 A.M. & I went over ^{to} 149 with him.
Phibson & Hobbie. C. & E. R. S. read
aloud to me this evening.

Cambridge

Ther

THURS. FEB. 22, 1912

Wea
Clear.

A wild day with raging N.W.
wind which by night fell increased
to a driving gale & has not yet abated.
It has blown down many branches from
the lindens & snapped off a tall
spruce in the clothes yard. The
deluge of warm rain last night has
removed most of the snow & exposed
many patches of green turf on our lawn.
Streets & sidewalks very icy again.

Saw a Chickadee & a ♂ Downy
in the Garden.

Spent day in Museum working on
Black Duck story rather unsuccessfully.
C. spent all the unlabeled M.S. I had.
No callers. C. & E. R. S. read aloud
from Trifling "See & See" this evening.

Wrote & sent letter resigning my abandonment in
Nas, under leaves.

Cambridge.

Ther

FRI. FEB. 23, 1912

Wea

Fine

Clear & cool with strong N. W. wind

Heard a Chickadee in the Garden.
No other native bird noted there

Spent day in Museum trying
to add something to Black Duck
story, but actually failing to produce
a single line that can be used.

Never before have my brains failed
me so utterly for work of a similar
kind, yet I felt physically well
and not in the least muddled-headed.

I did manage to do something on
page of H. Hoffmann & Owl Notes by
Belle who can't come this morning.

Maynard called at 3 P.M. & spent
an hour comparing birds with my
series, the birds old & headless than ever.
C. & E. R. S. read aloud to me this evening

Cambridge

Ther

SAT. FEB. 24, 1912

Wea

Fine

Sunny, calm, mild, with
stoppy streets & sidewalks.

No native bird of any kind seen
or heard about the place. House
Sparrows out in force & rather noisy.

Spent day in Museum
working on Black Duck story.

Advanced it considerably, but
what I wrote was mainly
compiled with few changes
from field notes in my journals.

Apparently I have not as yet
emerged from the muddled-headed
condition of the first four days.

C. went in town for most of
day & came back very tired.

E. R. S. read Kipling to me this evening

Cambridge.

Ther

SUN. FEB. 25, 1912

Wea
Fair

Densely hazy, calm, warm.
Most of the streets and lawns
now free from snow & ice.

Heard a Chickadee & a Blue Jay in
the Garden. It swarmed with
clamorous Sparrows.

Although I had sworn not to touch
the Black Duck story to day I worked
on the whole forenoon or rather on
the miserable little passage that has
baffled me since Thursday & is perhaps
not yet finally done with. How
can the book ever be finished at this rate.

At 1.30 dinner we had Mrs. Cobb,
Miss Chapman, Alice Allgren. All the
bulbous plants at the back were making
a brave show especially in the dining
room & living room. The ladies spent half
an hour with me in the museum after dinner.
C. & E. R. S. read Kaplan's 8-9 P. M.
C. & E. R. S. read Arctic Prairie Colts.

Cambridge.

Ther

MON. FEB. 26, 1912

Wea
Dull

A gray, mild but chilly day
with heavy rain & pelting hail
beginning soon after midnight.

Crows cawing about house at dinner
- a noisy one. A Blue Jay screaming
& a Downy calling later in Garden.

The usual task occupied me
through most of day. C. came
out at 9.30 & soon copied out
the M.S. I had for her. I added
a couple of pp. in P.M. but got
all my thoughts & most of the morning
from field notes written years ago.
Came in for afternoon tea with
C. & reading club. Talked chiefly
with Kate Hartford. Miss Bolek on her
C. & E. R. S. read to us after dinner.

Cambridge - Boston.
(Interviews with Judge Abbott.)

Ther TUES. FEB. 27, 1912
30°, 40°, 26°

Wea
Fine

Clear with falling temperature &
rising N. W. wind after sunset.

Sidewalks dangerously slippery in early
morning but slippery by 10 A. M.

Heard Crows cawing at dinner &
Jays screaming, later, in the Garden.
A Screech Owl was uttering the
ordinary wailing cry in Cherry Street
place at 9 P. M. when I counted living &
lunar. I have not noted one in our
grounds since last autumn.

Met Judge Abbott in our office by
appointment at 11.30. Talked with him
half an hour. Gave him check for Wolfson
school expenses. Told him that I should
try next October to have him appointed a
Fourth Justice of Breunton Estate & that I
would accept only \$2200. Compensation &
he could be added to the Board at say 1000.
Saw Darling & asked him to send me
one of 145-Brattle to Mrs. F. M. Putnam
for him to lunch. Friends to write in P. M.
having Father drink with us on 7. He
didn't start for Cambridge.

Cambridge.

Ther
25°

WED. FEB. 28, 1912

Wea
Fine

Clear & cool with fresh N. W. wind

A single Blue Jay in the Garden.
Nothing else save Sparrows noted there.
Bent tells me that small birds of
every kind are scarce or wanting about
Jawston. He has never before known so
few birds a winter there. Townsend
reports seeing a Blue Jay recently in
Commonwealth Avenue, Boston.

Spent day in Museum working
on Black Duck story & making
some, if slight, progress. The
carpenters have nearly finished the

We Dine at Bate's this evening.
All there save Jackson & Barbore.
Good dinner of course.

Cambridge.

Ther
25°

THURS. FEB. 29, 1912

Wea
Fine

Brilliantly clear with brisk, cold N. W. wind. The ground remained hard frozen all day except in sheltered & sunny places. It is still partly covered with snow in but tokens of the coming spring can not be denied. Hence the crocuses in front of the house have appeared their buds and are apparently about to bloom.

In the Garden heard a Chickadee, a Jay & a Downy. Gilbert saw what he thinks were 3 Purple Finches in the Parthenon's apple tree.

Worked all day on Black Duck Story adding a page or two. C. copying in forenoon. Dr. Phillips called in P.M. & spent an hour measuring my Florida Black Ducks. Being taller or broader with us. C. & E. R. & I went down to work in the evening.

Cambridge.

Ther
18°, 28°

FRI. MAR. 1, 1912

Wea
Fine.

Another windy, rather wintry day with clear sky & bright sun. Hence this March may be said to have "come in like a lion"

In the Garden heard a Chickadee calling & a Jay screaming.

My customary work occupied the entire day & progressed better than usual for I added more than two pages of clearly written M.S. to the Black Duck Story. Whitcomb called soon after.

Genatford is discussing the feasibility of relaying museum floor with granolithic concrete. He will observe Carl Eaton. C. in town all day. He & E. R. & I went down this evening.

Cambridge

Ther

SAT. MAR. 2, 1912

Wea

Fine.

Clear with high N. W. wind. Ground
hard frozen all day even in sun.
Streets filled with clouds of dust.
Air bitterly raw & piercing.

A Chickadee whistling in Garden
nothing else but Sparrows there.

Spent most of forenoon writing
cheques for bills. Did a little
work on Black Duck story before
lunch & a little after. In mid.
afternoon went with C. to call on
Miss Allyn. While there saw a man
on skates flying down river propelled
by a cotton sail. Went with C. to
St. John at 5. To lecture on "Character"
Cold walk back, Wind & rain storm
deserted with us at 7 & spent evening

Cambridge.

Ther

10°

SUN. MAR. 3, 1912

Wea

Fine.

Clear & cold with fresh N. W. wind.
Ground frozen hard. Typical winter
weather except for bright sun & long
hours of daylight.

A Crow cawing & a Jay screaming in
the Garden.

A mangy-looking Gray Squirrel
with large patches of bare red skin
showing on head, neck & shoulders was
collecting barked strands of bark in
pear tree, 3 P.M. Finally making them
into ball then carried it up to nest
under museum roof, no doubt to have fresh

Spent greater part of day writing
letters in Museum. Throat cough kept
me from church. C. went alone.
We had Mrs. Wyman, Miss Hammond
& Emily Howard at dinner.

Cambridge.

Ther

MON. MAR. 4, 1912

Wea
Fair

Sunny but densely hazy with
flurries of snow flakes. Cold with
better chill in air.

In Garden heard a Crow cawing, a
Jay screaming, a Chickadee calling.

Heard Squirrels at intervals in loft
over study. Saw Gilbert up. He found
the nest in a pigeon box. No young yet.
Squirrels made no noise after sunset.

Spent day in Museum working
on Black Duck story. Did fairly well.
C. copying my m.s. all forenoon.

Came in at 5 to C's reading class.
Miss Eastwood there to say good bye.
Leave Cambridge this week, not to return.
Mutual Club this evening. 19 programs.
Tina perform by Townsend on ancestral
traits in birds. Long discussion.
Many field notes. Chadbourne Comm.

Cambridge.

Ther

TUES. MAR. 5, 1912

Wea
Fine

Clear & cold with light W. wind.
About half an inch of snow last night.

Purple Finches again in Garden
7 of them, all gray birds, one
working softly. They were in
Parkman's apple tree all day long.
Heard a Crow cawing & a Jay
screaming. Only a few Sparrows.

Spent day in Museum working
on Black Duck story. Added two
pp. of fresh m.s. & revised some
old drafts. Miss Allgeer at
luncheon with C. & me.

Prof. Putnam called in late
P.M. to talk about his house
& Redfield to select Pardon birds.
C. & E. R. S. read aloud this eve.

Cambridge.

Ther 12° 30° WED. MAR. 6, 1912 Wea Fair

Mostly cloudy; calm; cold.

In the Garden saw 9 Purple Finches, a Jay & a ♂ Downy. Six or seven of the Purple Finches were gray, two red males. One was singing Sotta voce. All were in the Postman apple tree or on the ground beneath it. They remained there nearly all day. They were so shy that I could not get within twenty yards of them.

Worked on Black Duck which all day adding about 2 pp. Dined alone at 1, C. & E. R.S. having gone in town. We all dined together & had reading about 100. Ruth Dean has sent me a lot of letters which he wrote Henry Parson in the '70's. One from Palatka is most interesting & funny & all are good.

Cambridge.

Ther THURS. MAR. 7, 1912 Wea Stormy

About 1 inch of snow fell last night. It melted & was washed off by light rain to-day. Air mild but chilly. Wind light, N.E.

Heard the low song of a Screech Owl once at day break, apparently from Linden. 2 Purple Finches, both gray ones, in Postman apple. Saw a Blue Jay & heard a Golden-crow in Jough.

Spent day in Museum reading M.S. of Black Duck story & adding a little fresh matter. C. worked through forenoon copying in. In afternoon I worked a little on Wisconsin collection, now about ready. Put in our annual supply of coal to-day. To Square at 5.30 for hair cut.

Cambridge - Concord.

Ther
50°

FRI. MAR. 8, 1912

Wea
Fair

Sunny but hazy. Very warm with light S. W. wind & gathering clouds.

In Garden 9 a.m. saw a Jay & 6 Purple Finches (all gray). A Flicker "stomping" lustily in distance towards N.

Gilbert & I took 10.08 Train to W. Red. Crossed river on ice. Found Zeph at work on Davis Hill. He began on 5th & has cut down a lot of oaks, is living in a little portable cabin he made with an axe & hammer. Thence to Farm via Birch St. Roads & field bare & muddy. Six inches soggy snow in woods, melting honey sucking. With no snow at I purchased fruit & was so warm. Typical Bluebird day but no Bluebirds or other spring birds saw a pair of ad. B. lineatus soaring over Birch St. Two Crows & a Jay seen. Redpolls heard, Gilbert started 6 Partridges & a Phoebe. 1 Chickadee at 7 a.m. Hairy W. heard. Bald Hill. Many trails of Squirrels, a few of Rabbits, one of Skunk. No Deer on their trails seen all winter by either Zeph or James. Pat saw one trail to day. Burned at Farm house. Walked back to W. Red. Under Pat & Gilbert & took 4.27 train to Arlington. Saw cork Phoebe from car window in Shady Hill yard.

Cambridge.

Ther
46°

SAT. MAR. 9, 1912

Wea
Dull

Cloudy, calm, mild. Nearly all the snow & ice has melted now. Two crows in front of barn show swollen white buds of feet & ready to open at any time.

In the Garden were 2 gray Purple Finches one of was singing rather loudly & lowering about the other with quivering wings. I heard him at intervals all day. Also heard a Chickadee & saw 2 Crows.

News came from Portsmouth by mail this morning that George Kettell had an attack of heart trouble yesterday & had lost the power of speech. C. decided at once to go on Wed. day and started with Miss Gundry by 1 P.M. limited express. Gilbert went in with them to station. It was a broken day for me. I wrote letters and cleaned out my desk. Also walked on down Cambridge Road. B. R. G. sent transcripts to me in mail this evening.

Cambridge

Ther
26°

SUN. MAR. 10, 1912
First Crocus

Wea
Fine

Clear & cool with light N.W. wind.

In the Garden saw 3 Purple Finches
(all gray ones) and heard a Chickadee
whistling. Crocus was coming in
the windows at sunrise. House
Sparrows very noisy all day.

Most of forenoon spent in
writing a different letter to Miss
Hunter at Wolfboro and an easy
one to Dr. Rogers at Pond du Lac.
Living & I had at dinner Miss Allyn,
Miss Hopkin, Lucy Dexter, Kate
Horsford & Mrs. Harris. I took them
to Museum at 3 & we spent half an
hour there. Peter came at 3.30 to
plan for next week at Concord.
Living read Hopkin's to me this evening.

Cambridge

Ther

24° 34°

MON. MAR. 11, 1912

Wea

Fine

Clear & cool; light northerly winds.

Five gray Purple Finches were in the
Garden all day, mostly under the
Parthenon's apple tree gathering seeds they
missed when the ground was covered
in snow. A Chickadee was whistling
frequently. Crocus coming at sunrise.

A night letter came from C. This
morning. George is still very ill
but his doctor thinks he will recover.

I worked on Wisconsin collection
whole forenoon & wrote letters & chapters
in afternoon. Came in to receiving
club at 5. Some members present.
Miss Balch lunched with Living & me.
Spent evening at the Alhambra with
Charles & Kelly.

Cambridge

Ther
34°

TUES. MAR. 12, 1912
City Election

Wea
Dull

Cloudy with rain in afternoon
& evening. Mild but chilly.

A Purple Finch warbling softly &
a Jay screaming harshly in garden.
A crow coming about house at evening.

Reduced work on Black Duck
story and wrote a couple of pages
about interceptions. Met Warburton
at 149 & discussed garden changes
with him. After that went to the
hall in Brown St. & wrote a
great letter out of room to support
Prof. Board for Election Committee.
Biddle called at 2 P.M. to talk
about a new card for recorded birds.
E. H. S. read transcript in my thin ear.
C. Stier in New York. Reginald called
even from his train saying Gray
seems all better & finally thinks him well.

Cambridge

Ther
46°

WED. MAR. 13, 1912
Aud. Soc. Meet.

Wea
Rain Storm

Warm rainstorm, heavy at times
& lasting through forenoon & early afternoon
a very dark & dismal day.

A Blue Jay screaming in garden.
No other birds noted other than a
Spotted Thrush seen flying over
lawn at 3.30 P.M.

Spent forenoon in Museum working
on Black Duck article. Went in town
at 3.30 to meeting Aud. Soc.
Lecturers, 4-6.30. After disposing of
routine business I told them I had
decided to resign both as President
& Director, giving my reasons in full
& talking perhaps half an hour. They
all insisted that I should not do so,
saying I was perfectly free to say or
do anything I liked whether it agreed with
general policy of Society or not. I finally
said I would think of one.
C. Stier whom I met at the meeting.

Cambridge.

Ther THURS. MAR. 14, 1912 Wea
Fine snow deep. Fine

Clear, calm mild. 6 snow drops
one from Museum. 12. crocuses from home
in unseason. Purple Finch sang
at frequent intervals all day long
in the Garden flooding it with his
sweet, subdued warbling. Also heard
a Chickadee whistling & a Downy calling.
Passing Smith place, 3 P.M., saw 2
sparrows Hawk perched on top of big
willowwood by barn. Looks as if pair
might nest again in Smith place.

Spent forenoon in Museum working
on Black Duck story. C. copied enough
in number 5 type - written pages, working
9.30 to 1. At 3 P.M. we called at the
Dana's, Jerry Edith. Went there to
Mrs. Bottles to have Morse tell about
mark. It was much interesting. About
50 people crowded into parlors.
Gilbert came up this morning to try
lambton in wood place. C. & E. came out
& saw Chamberlain. The day.

Cambridge

Ther FRI. MAR. 15, 1912 Wea
35°, 61° Stormy

South-west storm raging all day
with violent winds & floods of rain.
It continues unabated at 9 P.M.

Pat Flannery who came down
from Concord this afternoon says that
the river was everywhere open
yesterday & the annual slaughter of
muskrats began. He says there
was clear water to day from the
cabin across the meadows almost
to my front house. He has noted
no spring birds so far.

Spent day in Museum. Put
final touches to Black Duck story,
began on Feb. 16, and took
up Green wing Teal this afternoon.
Bill & Jerry Hager and a bunch with
E. R. & son. C. in town all day.

Cambridge

Ther
42°

SAT. MAR. 16, 1912

Wea
Fine

Clear & cool with light W. wind.
An umbrella full of crocuses of
various colors nodding a foot
thick in front of house.

A Purple Finch singing so
loudly & a Jay screaming wildly, in
the garden. Heard also the whistle
of a sparrow hawk as I sat at my
desk. Crows coming in swarms.

Spent day in garden working
on Green. very hot & completing what
little I have in long about it.

Gilbert & Percy went to Norton
to get some more Pardon birds
& eggs stored there. They brought
back a surprising number
Some very good ones.
Went & when home dined with us
at 7 & then away

Cambridge.

Ther

SUN. MAR. 17, 1912

Wea
Fine

Clear, calm, mild - a perfect
early spring day with no trace
of chill in the still air.

In the garden heard a Flicker
shouting loudly, a Jay screaming &
a Purple Finch chattering. Also a
Sparrow Owl there uttering its low
song at 6.30 P.M. No spring
arrivals yet. Fully expected Grackles
to-day & perhaps Robins & Song Sparrows
for consolation as late for them was
One way to church at 10.30 heard
another Flicker shouting in Longfellow's
Mr. Nash preached so fine a sermon
as I ever heard. At 1.30 dinner and
had Mr. & Mrs. McMillan, Morgan &
Walter Dean & Miss Allen. They all
left by 4. I wrote a few letters

Cambridge

Ther
50°

MON. MAR. 18, 1912
Honey bees out.

Wea
Fine

Clear, calm, warm. Scores of
snow-drops in bloom with honey bees
about them. Some small tufts of
weed green grass on bordering. Plants
dry & dusty. Red-wings, Grackles,
& Blue birds reported Abbeys-Boston.
Batchelder saw pair Sparrows H. Smith

A Purple Finch, a Downy, a Jay
a Crow & a Flicker heard in Garden.
The first & last in song.

Worked all forenoon on Blue wing
Junc story. C. copying M.S. written
since Thursday. We had Mrs. Cole,
Miss Balch & Miss Sundry at work.
Worked all P.M. on Poole's Birds.
Mulleck Clark. F. H. Allen read paper
on Abbeys Thayer vs. J. Roosevelt.
Thayer's baby found. 14 papers

Cambridge-Concord.

Ther

TUES. MAR. 19, 1912

Wea
Fine

Clear & warm with light S.W. wind.
Typical & altogether perfect early spring day.
In the Garden, 8 A.M., heard Chickadee
giving phoebe call, Crow cawing, Jay scolding.
First yellow crocuses in bloom.

Gilbert & I took 10.48 train to Concord. Walking.

from W. Bed. Sta. to river heard Bluebirds
Song Sparrows, Juncos, Jay Sparrows, Goldfinches,
Red-wings, Crows, The low, tender, Sparrows
voices seemed to come from everywhere for &

there but only a few birds were seen. Saw a
big iron fence & crossed to Ball's Hill. River
wholly free from ice & meadows deeply submerged
- a binding blue sky. Mullecks flower beds
& dandelion cakes. Paddled down to Davis
Hill. Left & another warm cross Juncy log.
March of oaks as I and of hill, down.
No birds seen. 2 Chickadees in bush by
meadow. Meadows shores flooded. Was
reminded of my trip along there with Frank
Bolles about 1892 or 3. On way back to
Station at 4 P.M. heard Bluebirds,
Song Sparrows, Jay Sparrows, Juncos
Red-wings, Crows & a Phoebe. 36
Red-wings in tree. Grackles overhead & 6
Jay Sparrows. 4.25 leaves back.
Did not have an encounter at all.

On birds at 10.48 train. Heard Crows with old ones. 2 Chickadees.

Cambridge.

Ther WED. MAR. 20, 1912 Wea
First Crows Blackbirds Time

Heavy rain just before day break
 Clear at sunrise & all day. Forenoon
 warm, afternoon cool, evening cold.

First truly spring birds in Garden
 & Crows Blackbirds (1 at pond). Also
 saw or heard there a Purple Finch, a
 Jay, a Chickadee, a Crow. Heard a
 Screech Owl hooting 9 P.M.

Spent day in Museum. Worked
 on Purdie's Birds (last lot) most of
 forenoon; on Blue-winged Teal which
 all afternoon. Mr. A. T. Frazar came
 over to see me at 8 staying until
 past midnight (12.30). He seemed
 greatly improved. We talked mostly
 of early days. How I enjoyed it!

Cambridge.

Ther THURS. MAR. 21, 1912 Wea
 24° max. Snow Storm.

Winter back again. Snowing fast
 all day, about 5 inches falling. Raw &
 cold, highest temperature being 24°.

Heard a Blue Jay in Garden. No
 other birds than Snow Sparrows.
 Everything deeply buried in day
 snow & absolutely wintry looking.

Spent day in Museum working
 on Blue-winged Teal story & almost
 finishing it. C. copying all a.m.
 Billcliff called at 11 for final
 instructions about new case for
 mounted birds. To replace lost case
 in Museum. Mrs. David Irving
 & Sarah Anne lunched with C., E. & R.S.
 & Ma. C. & E. saw "The Migration"
 to see this evening.

Cambridge

Ther
24°

FRI. MAR. 22, 1912

Wea
Fine

Clear & Cold with strong N.W. wind. The bright sun thawed some of the snow & made slushy streets but hardly any bare ground was exposed by night. When are the flowers & the bees out?

Two Brown Grackles in Garden all forenoon. Also heard Purple? & Jay then.

Spent day in Museum working on Umbagog beetle. Got to thinking Blue winged Teal story & reviewed 2 pp. adding a good deal of fresh matter. Will Scrivener & his Estonian wife come out in late P.M. C. no longer all day. She & E. B. S. went abroad in both this morning.

Cambridge

Ther

SAT. MAR. 23, 1912

Wea
Fine

Subway to Bos. opened.

Clear, calm, much warmer; Snow melting fast exposing much bare ground before night. Streets almost wholly bare.

A Fox Sparrow appeared this afternoon on the ground under Parthenon apple tree. Two Brown Grackles, all ♂♂, spent entire day in Garden, chiefly on ground. One visited pond; another had a piece of bread in its bill. All creaked & grated now & then.

Worked from 9.30 A.M. to 7 P.M. on Umbagog beetle. The work went slightly to-day. I did the Shovel the Pentad & the E. Widgeon, some six pp of fresh M.S. in all C. in Boston. She went there though not subway opened this morning for first time. Mrs. W. S. in much better & I am.

Cambridge

Ther

SUN. MAR. 24, 1912

Wea
Stormy
more snow.

Six in. of wet, compact snow fell last night. Rain fell all day melting much of snow. Still rattling against windows now (9 P.M.).

3 Fox Sparrows & 4 Redpolls (all plain gray ones), spent most of day in garden running about over snow. In forenoon they took together many loads; later the Sparrows came in front of Museum feeding, with English Sparrows, on sand & thorns out. One Fox S. sang over. Heard a Flicker & saw a Jay.

Spent most of forenoon in Mus. writing letters. Dick & Edith Dana, Charles & Mabel Almy, & Miss Allyn were our guests at dinner. They left at 3.15. Mrs. Stone came at 4.30 & thought our home. C. had a letter from Emory this morning saying Emory is weather & losing ground. She will probably go in here to. Herndon tonight. She worked from 6 to 7 P.M. (C. was working 1 in. of my M.S.)

Cambridge

Ther

MON. MAR. 25, 1912

Wea
-Fine

Clear & mild, snow shrinking fast. Cooler & freezing by sundown.

4 Fox Sparrows, 10 Grackles, a ♂ Downy W., a Crow & a Jay, in the garden. Fox Sparrows eating millet seed in flower as thorned for them. It was just sold with House Sparrows - at least 30 of them. There was glorious Fox Sparrows music every now & then all day.

C. worked in Museum from 9.45 to 1 type writing my M.S. & copying it all up to date. I did little more than revise it for her. It was our last evening together for many a day. E. H. Davis took up most of my afternoon. He will run his side this year at 4.40 I came in for afternoon tea with the reading class. C. was too tired to see them. There were some. C. spent evening arranging table for the dinner.

Cambridge.

Ther
15°

TUES. MAR. 26, 1912

Wea
-7 in

Clear & cold with fresh W. wind.
A raw, disagreeable day.

5 Fox Sparrows, 1 Tree Sparrow,
5 Crow Blackbirds, 1 Blue Jay and
a Crow in Garden. Fox Sparrows
sang gleefully. Tree Sparrows on snow
faint of Winter & on bare walls.

C. left for Boston at 9 & took 1
P.M. train for New York with Mrs S.
E. & son in to see them off?

Spent forenoon in Museum working
on odd tasks. At 2.30 took car

through new subway to Pearl St. &

thence by transfer car to storage warehouse
where I met Mrs. Walter Channing &
examined her late father's collection of
birds, about 300 all in mostly large, many
tropical, good specimens & Dr. Cooper among
them. She wants to get them off her
hands. Home by 6. S. & D. & son in evening

Cambridge.

Ther
46°

WED. MAR. 27, 1912

Wea
-7 in

Clear, calm, mild. Snow melting
fast. More than half the surface of snow
lawn & garden bare by night.

6 Fox Sparrows, 3 Crow Blackbirds,
a Blue Jay, a Flicker, 10/1 and about
40 House Sparrows, in the Garden.
3 Crows in Hubbard Pool. Where
are the Robins?

Spent day in Museum. Got ready
great number of series & pamphlets for
binding. Mr. Henshaw started for town in P.M.
Did various other things, the news
from C.

"McDim" at our house this evening
Eight came - Balabala, Beant, Deam
Jeffers, Thapton, Townsend, Gaudin, Rouse
C. had arranged a delicious dinner.
The news left at 10.45.

Cambridge.

Ther 50° THURS. MAR. 28, 1912 Wea Fine

Clear, calm, warm; clouds gathering in late P.M.; raining at 9 P.M.

Snow practically all gone by night.

Garden ringing with music of Fox Sparrows all day long. There were at least seven birds. They were widely scattered most of time. Heard them first at sunrise. At sunset they went to roost in pines next museum rhododendrons. Besides these birds I saw only 2 Crows & Blackbirds. It looked very robby toward evening but there were no Robins.

Working at odd jobs in Museum all day. Billings called in forenoon; Dick Davis at 4 P.M. (staying 3/4 hour).

Walter also dropped in (about noon). Letter from C. W. is coming. Long very weak & apparently looking good. E. R. V. back "Museum" to see this evening.

Cambridge - Boston
Important First Sale - Birds - Farm & Draying.
Ther 50° FRI. MAR. 29, 1912 Wea Stormy

S. E. rain storm, heavy in forenoon, the rain ceasing & sun showing dimly at 4 P.M.

Looking out bath-room window 7.30 a.m. saw a blessed Robin fly into top of catalpa tree by Museum & there heard laughing call. Fox Sparrows singing gloriously & almost ceaselessly 7.30 - 10 a.m. Saw 5 or 6.

Went in town, 10 a.m. Opened account Prov. Ins. Sav. with \$5.00. Reached old office 10.45. Signed Estate Cheques for quarterly March disbursement. Bought 2000 Mass. Bonds for personal investment. Darling bought offer #2500. for Hotel Farm & Draying. Disposed of main stock. Bunker & family then had to accept it as property given only 4 P.M. #2500. settings - about \$3500 - as it is in need of expansion repairs & renovations. Wrote on two hours for agreement to be drawn. Bunker & I signed it at 4.30. Did a little shopping and got home at 6. Gilbert went to Boston this evening. Came back at 10.00 pretty well. E. R. V. and I went to see the

Cambridge - Concord.

Ther SAT. MAR. 30, 1912 Wea

Move to Concord. Fine

Brilliantly clear with light N. wind
Cooler. Water skimmed over last night

Cambridge, 3 Fox Sparrows (1. x)
a Chickadee. & 2 Cross Blackbirds
in the garden. Sparrows Hawk ♂
flying low over it. Flicker shouting
near Mrs. Comp. Tool.

Called on Miss Chapman just
after breakfast to discuss business on
bank block. To Mrs. Comp. Tool
in crop 10 a. m. Saw Hensons &
Bang, about horse collection. They
will take care of a & send rest to
Berwick Co. Acad. I m. Saw T. after
to City Hall for gun license
bought with S. R. S. Took 2.08
train for Concord. Pat found me
over 2000. He has father much but
nephews are still flooded. He is
in Benning's Knoll & Pine Point.
Phoebe in front of day at cabin. Pat
saw him under the tree. Was very
black and singing delightfully at
our meetings. Saw a milk rail
on 7th st on the way.

Concord

Ther SUN. MAR. 31, 1912 Wea
Fine

Clear with strong S. W. wind.

Fripping at day break, warm at noon

First Tree Swallows (1 seen 2 Benches

" Wood Thrush (3 farm, 2 Benches

" Hylas (3 farm, 1 Benches

" Butterflies (2 Benches, small.)

In forenoon roamed through woods
near Ball's Hill. Also visited L. Ann
Hill with Jeph. He has cut about 12
acres of heavy oak covered them.

Shut out in old Stella Maria
after dinner. Then went to farm,
stopping, slowly up & back. S. W. wind
drops on Benches them, S. W. at cabin.
Started 6 Partridges & saw 100 ft
Cross Blackbirds very N. E. 5 P.M.
Then 4 pairs Black Ducks in water
off Benches Knoll 6 P.M.

Concord.

Ther

MON. APRIL 1, 1912

Wea

Fair

Forenoon brilliantly clear with light N. wind. Clouds gathering in P. M. & chill S.E. wind. Raining at 7 P.M.

First Marsh Hawk, ♀, 12:45 H

" Kingfisher 9 A.M. " "

Two flocks Golden eyes above all day flying past Ball's Hill & singing in Great M. One had 4 ad ♂ & 4 ♀, the other 5 birds looking like ♂. Two Herring Gulls appeared off shore at 2 P.M. flying back & forth.

Not much singing. Only a few small birds seen. Traps silent. Pines & 5 men began work across river. Pat & Robert leaves all day. I sailed nearly to head Great M. getting rather near the 8 Whistles. To Pine Point on evening.

Hepaticas in bloom & in bloom

Concord

Ther

TUES. APRIL 2, 1912

Wea

Stormy

Heavy N.E. rain storm lasting through day. Very chill, raw air.

Near the cabin, attracted by seed. There were not far from three Fox Sp. and they spent most of day. Gilbert saw about 30 of each kind at Foxen. At cabin there were also a Tree Sparrow, two Song Sparrows, a Chickadee & a Jay, besides the pair of Phoebe. Saw a Swallow over the river, a Gull & a Crow only large birds seen there. Started 2 Partridges in Pine Park. Gilbert found a Field Mouse in one dry cistern. He had eaten or rummaged about a barrel of apples.

Spent most of day blowing brush with Pat in Pine Park & on Blackman Ridge.

Concord.

Ther WED. APRIL 3, 1912 Wea
Fine

Heavy rain all last night.
Snowing hard this morning up
to 9 A.M., Sun out by 10. Rest
of day brilliantly clear with
raging N.W. wind. Very chilly.

Fox Sparrows about cabin
all day increasing up to 15 by
night, singing incessantly &
gleefully. 4 Juncos, 2 Song Sp.
& 1 Tr. Sparrow with them.

Two Black Ducks passed down
river. A single Gull flying
opposite cabin.

Peter & I were busy on our
river & stopped to drink by 10.
I spent part of day with
them & part with Zeph cutting
down oaks. Had to keep out
to keep warm.

Concord.

Ther THURS. APRIL 4, 1912 Wea
20° Fine

Brilliantly clear with high N.W. wind.
Wintery cold last night. Ground frozen
iron hard at daybreak. Cool all day.

First Fish Hawk; B.H. (See journal.)

34 Fox Sparrows & 11 Juncos
cawed in front of cabin. We
kept them supplied with hemp, rape
& millet seed and they us with
music, all day long. There was a
Tr. Sparrow with them & a Chickadee
also. No Phoebe noted about Ball's
Hill to-day but I heard one sing
near Pine Park shed. The Starlings
have disappeared. Last seen Apr. 1.

Peter & I were hunting juncos &
Common Tail warts on Ball's Hill.
Pat, Zeph & the hens near Olay
saw many of them & cutting corn.
I spent entire day at Ball's Hill.

Heard a pair of doves & some other birds.

Concord.

Ther

FRI. APRIL 5, 1912

Wea
Mixed.

Strange day opening with blinding
snow storm. Ceasing at 8 A.M.,
followed by a sunny forenoon with
chill S.W. wind. Sudden rise of
temperature at noon. Afternoon
very warm & evening summerlike
with Hylas & Wood Peeps in full cry.

32 Fox Sparrows, 8 Juncos, 2 Song
Sparrows, 1 Jun Sparrow from 9
Cabin. 2 Chickadees*, 1 P. Wren*
on Ball's Hill. Kingfisher on bank
near (3) Hairy. Gulls & 2 Mew.
Hawks & a Fish Hawk & 2 Goldfinches
eyes flying over river.

Spent day at Ball's Hill. C. W.
Haley of Weymouth around at noon
to talk over school matters. He
left & Miss Stone came about 3.
Miss & I walked to Pine Park
& found them at evening.

Concord

Ther

SAT. APRIL 6, 1912

Wea
Fine

Clear with light southerly wind
changing to easterly in P.M.

Forenoon unpleasantly warm.

Afternoon & evening rather chilly.

Fine Great Blue Heron heard

calling out from over Great Meadows.
Grasshopper singing across river.

Flock of 18 Golden eyes crossing

over meadows at 6.30 P.M. finally

alighting near flock of 6. Two birds

during them in early forenoon.

About 25 Fox Sparrows & 6 Juncos

spent day near Cabin.

Will Stone & I went out in

canoe in forenoon paddling about

near Hill. Smith O. Dexter came

at noon to dinner. He then went

to Pine Hill after dinner. Started

2 Rattlers. Robin singing well at

evening. Pigeon & 5 Green Gays hunting
on Blakely's hill.

Concord

Ther SUN. APRIL 7, 1912 Wea
2 Deer seen at Farm Fine

Sunny. Early morning calm & warm
S. W. wind rose at 11 a. m. & blew, with
afternoon violences bringing clouds in late
P. M. and heavy rain soon after dark.

First Pine Warbler & Davis this
" Leopard Frog (2 or 3)
" full chorus of Hylas.

Starting soon after breakfast Will
Stone & I paddled down the calm
river nearly to Castle Bridge & then
crossed to Bedford Swamp where in
the inner flooded meadows we flushed
a pair Great Blue Heron & 21 Black
Ducks. Also saw a cock Heron. The
S. W. wind had risen and when we
emerged from the swamp a cold
blowing a living gale. The struggle
back against it was long & arduous
& when we reached camp at 1.30
we were nearly exhausted. After
dinner & a nap we started for
the Farm. Just as we were coming out
of Puffin Rock woods we saw in the
field at foot of orchard slope two
large, horned Bull Deer. They saw us
promptly & ran up our hill & down
into Barrett Run where we got
within 30 yards of them. They were
colored exactly like Jersey cattle.
Found 4 Rabbits & a downy fawn
at Farm. Started 3. Portulaca in in
Candlelight. Returned back to camp.
Rain. Talked late in Cabin.

Concord.

Ther MON. APRIL 8, 1912 Wea
24 Fine

Wintery conditions again. Billings
cold all day with raging N. W.
wind and frequent flurries of snow.

First Chipping - in Bennett's pasture.

Will Stone left by 8.30 A. M.
Train. At 9 Mrs. James appeared to
say that C. wanted me to go to Farm
at once for telephone message. It was
about George Kettell. Ermy had
telegraphed that he was much worse
this morning & feeling for C. & E. K. S.
were to start for New York at 1.
C. said she wished me to stay on
here for the present. Returning to
Ball's Hill I spent most of day
in Cabin tattering things. James
with me. Tried some steam bath
on river in P. M.

Concord.

Ther

TUES. APRIL 9, 1912

Wea

George B. Kettell died Foul.

Early morn sunny; rest of day cloudy with blinding snow storm 4-5 P.M.

Rain after that. High W. wind, very cold. Ground hard frozen as in winter. Altogether a very harsh & dreary day.

Fish Hawk & Herring Gull flying over river. Fox Sparrows & Juncos nearly all gone. Trays & Hylas silent since Sunday. Green-bay broods at farm green with unfolding leaves.

Spent most of day in cabin rigging canoe dacks, putting up shelves etc. James with me in forenoon. Pat & Olaf hauling wood. Peter & b been cutting brown tails. Left hunting gypsy nests. Peter & I went to farm & Davis Hill in P.M.

Concord - Cambridge - New York

Ther

WED. APRIL 10, 1912

Wea

Fine

Clear & warmer with light N.E. wind. 4 Fox Sparrows at Cabin. Saw red worm in Parker's orchard, W. Bed., where I heard also singing 2 Tree Sparrows, 1 Field S. & many Juncos. 2 Sparrows Hawk flying over track near station.

Took 8.10 Train to Cambridge. Got to N.Y. then from C. calling me to N.Y. because of her brother's death. I saw Wyeth about funeral & telephoned Max Bennett's office & Harry Barlett. Also saw to work on my furnace. In the garden saw 4 Fox Sparrows, a Robin & a Jay. 5 named Crows Blackbird. To Boston at noon. Call at office. Then to South St. Hall 1 P.M. Train for N.Y. arriving at 6. Fields green & red maples in bloom in S. Conn. Read most of way. Went to Murray Hill H. 7.11 but got home. Dined at 7. at Martha Washington with C. & E. R. S. Stayed with them until 9. Read until 11.

James drove down 9 P.M. with telegram from C. saying "end very near".

New York.

Ther THURS. APRIL 11, 1912 Wea
Fine

Clear, calm, mild.

Spent most of day in smoking
room of Murray Hill Hotel
reading and writing letters.
Had breakfast & luncheon at
Grand Union Hotel opposite
station where I went for letters
tickets to Boston.

Called on C. & E. R. S. at 4.15
Went there to Halden's apartment
store & walked back to hotel up
7th Avenue. Traffic on 7th Blvd
& very much improved to see. Went
again to Murray Hill, changed clothes
6.30 to dinner with C. & E. R. S.
Arr home 9.30 / back in
Murray Hill smoking room.

New York - Rutherford - Cambridge.

Ther FRI. APRIL 12, 1912 Wea
Fair.

Forenoon sunny & mild. Afternoon
cloudy with showers.

Breakfast Murray Hill 7 a.m.
Met C. & E. R. S. 23rd St. Ferry 8.30.
Took 9.39 train to Rutherford. Timed
services in sitting room at 11.30
Family & relations sat in dining room.
There were Betty, Ewing, John & his wife,
Mr. & Mrs. Freeman, Mrs. Rogers &
several others. Several Sterlings & a Babine
fishing on lawn just outside windows.
Betty, Ewing, John & Mrs. Freeman, C.
& E. R. S. & I returned to town together.
I went to Murray Hill, changed clothes,
dined & rejoined C. & E. R. S. Betty
Ewing & John at Station where we took
3 P.M. train for Boston
arriving at 8.30. Gilbert met us at
Station. He & I came out via subway

Cambridge - Forest Hills - Concord.

Ther SAT. APRIL 13, 1912 Wea

Geo. B. Kettell funeral. Fine.

Clear & mild with light E. wind
In the Garden were 2 Fox Sparrows (x)
a ♂ Goldfinch in full song altho. in
dark winter pl. a Titlark x, a Downy,

2 Robins (x) & 12 Snow Blackbirds.

To Forest Hills Cemetery. Mr. Bennett
by Car, C. & Betty, Mary. From

N.E. R.S. by carriage. Met the Wilsons,

Mary Jennings, Margaret, Cunningham
at gate. Fred Allen read short service at

grave. Sunny April morning, Titlarks
throating & house crow was at hand.

Drove home alone thro. parks.

Jamaica Pond again with looking for
fully 100 Black Ducks, a dozen or
more Gulls, Mallards etc. Fully 1/2
dozen at home. C. arrived
at 2.40 pale & tired. She went
down to bed. I took children for
Concord looking Ball's Hill at 5.
Hollist to Park at 5.30. Saw
many more birds. Before long saw
flock of fully 500 Blackbirds, N. Red.

Concord.

Ther SUN. APRIL 14, 1912 Wea

Stormy.

N.E. rain storm beginning
sometime last night & continuing
through entire day. very chilly

First Yellow-rump (in chell, moulted)
plumage. 1 Ruby crown Kinglet &
Swamp Sparrow x all at Ball's Hill
Fish Hawk about all day perching
several times on hawk pole across
road. 7 White-throats flying over
hill at sunset, heading N.E.
Heavy firing 10.30-12 a.m. across road

Spent entire forenoon & most
of afternoon in cabin writing
letters & chapters for Birds.
Gave out about 4 P.M. and
rambled about behind hill &
beyond Swamp. Robins & Redwings
singing well at sunset.

Concord

Ther MON. APRIL 15, 1912 Wea
Killdeer Plover. Fair

Forenoon cloudy with thin fog.
 After noon sunny but hazy. Dead calm
 all day. Warm & moist.

First Barn Swallows (Ed. 6 P.M.)
 " Killdeer Plover (see journal)

Fish Hawk about all day. At 4 P.M.
 he hovered 100 yds. off cabin, then
 went completely out of sight & then
 emerged with a small fish.

(6) Golden eyes flew past cabin this

(3) (2) & 1 Herring Gulls calling:

(2) Kingfishers. 180 Blackbirds
 mostly Red wings with a few Green
 Blackbirds, in one small group.

Albert saw 70+ Juncos this morning

Altogether a great bird day with

every thing coming freely at all times

Spent day at Ball's Hill doing
 work of farms. Pat, Lyle & Old.

4 P.M.
 birds
 flying
 in
 flock
 out
 from
 the
 shore
 at
 4 P.M.
 birds
 flying
 in
 flock
 out
 from
 the
 shore
 at
 4 P.M.

Concord.

Ther TUES. APRIL 16, 1912 Wea
Wild Geese & Gr. Blue Her. Fine

Clear & oppressively warm with
 light southerly wind. Procession of
 heavy thunder showers, 5-9 P.M.

Fish Hawk on wing & Red-bell Gulls
 in river off. cabins, 8 a.m. Two Great

Blue Herons flying N.E. over farm at
 height fully a mile 2 P.M. Flock

of 36 Geese about same height over
 Green Field flying due north 4.20 P.M.

First Purple Finch * - at farm.

3 Barn. Swallows, 8 Tree Swallows,

3 Chipping *., Orange colored

Salamander with narrow flat tail,

appar. same as those in Berkshire Co.

in path leading fr. Benson to Bush I.

under pine. Spent day at farm

walking up & back. James & Peter

getting apple trees & more by hauling
 Pat taking care.

Concord.

Ther WED. APRIL 17, 1912 Wea
Fair.

Forenoon sunny calm &
very warm; Afternoon cloudy
with cool S.E. wind. Raining 7 P.M.

First Yellow Redpolls (1 / 1st / 1st)
Fish Hawk & Tail-bill Gull
again noted at Ball's Hill (in
early morning). At Farm heard
a Meadow Lark & 2 Chickadees (shouting)
besides Song Sparrows, a Purple Finch &
Robins very scarce. Saw only one
at 4 P.M. Saw Cooper's Hawk (1st)
come through garden and clear past
corn skimming 10 ft. above ground on
side wings at twilight spent evidently
hunting. Flocks of Yellow-bellied
Loons in grass field at Ball's Hill
Spent day at Farm walking with
& back. Pure & Jones golfing.
6 men boy hunting. Pat gardening

Concord.

Ther THURS. APRIL 18, 1912 Wea
Stormy

Raining most of day, at times
heavily. Strong, cold east wind.

About 50 Swallows flying over river
in front of Ball's Hill all day long. Most
were the Swallows with a few Barn
Swallows. Several Red-wings singing
in marshes down to Cabin in early morning.
Also a Phoebe near the shed. No
large birds seen except 3 Bitterns
seen by Pat.

I spent entire day in the
Cabin, not feeling well enough to
go out. Jones working on skutter
in my sleeping room, left on
moss & squirrel-proof boxes for birds.
Olay having work. Pat having
break

Concord

Ther

FRI. APRIL 19, 1912

Wea
Stormy

Raining steadily all forenoon.
Afternoon cold & windy (N.W.) with
sun shining-fairly at intervals.

The swarm of Swallows greatly
augmented in numbers. There must
have been fully 300. All day long they
skimmied low over the wind swept
water as far up & down river as one
could see from the cabin, just as they
used to at Fresh Pond 40 years ago &
on Ball's Unabridged river beauty.

About 80% were Juncos & 20% Barn
Swallows. Gilbert says they fly under
clouds over Great Meadows & down
to Davis Hill.

Spent day in cabin sleeping
much of time & feeling rather
wretched but not really ill.

Concord

Ther

SAT. APRIL 20, 1912

Wea
Fine

Brilliantly clear with strong, cold N. wind.

First Hermit (1, B.H.) Bittern jumped
once at sunset. 254 Yellow Warblers,
4 Yellow Palm Warblers, 1 Pine W. &
13 Ruby-crown Kinglet spent entire
day on south side Ball's Hill drifting
back & forth past cabins, singing
incessantly, darting up from tops of
oaks after flying insects, chasing
one another playfully. Their combined
voices made sweet music especially
when the Ruby-crown joined in.
The Swallow swarm was here in
early morn. but soon disappeared.
At sunset 4 Whistlers (1 an old drake)
came flying past the cabins.

Spent day in & near cabin. Feel
better but not myself as yet. Pat
& Laph working

Concord.

Ther SUN. APRIL 21, 1912 Wea
Fine

Clear & warm; light W. wind.

First Spotted Sandpipers (2) seen
by Gilbert, Barret Meadows. 25+
Yellow-rumps, 2 Yellow Palm W., 1
Pine Warbler, 1 Ruby-Crown Kinglet
spent day on & behind E. end of hill
singing delightfully. 2 ♂♂ Red-wings
in tall oaks directly over cabin
6-9 A.M. singing delightfully, with
spread tails, & passed up & down
up & down slender branches. At 9 A.M.
what I took to be a Coereba I saw but
failed to see come repeatedly in nights
east end of hill exactly like Wood Pigeon.

Spent most of day in cabin. Walked
to Pine Point after breakfast, to Davis Hill
after dinner. 4 of Dr. Field's definition
kiss all day on hill for breakfast
guessing but not a shot was fired & they
could have been shot.

Concord - Cambridge.

Ther MON. APRIL 22, 1912 Wea
Dull

Cloudy & Calm with a little fine rain.

First Green Heron, Ball's H. & G. M.
Sparrow Hawk (♂), P. O. W. Bed.

Ruby-Crown Kinglet ♂, Robin ♀,
Crows Blackbird ♂, Blue Jay 1, in
the Garden, Cambridge.

Gilbert & I closed cabins & took 8.13
Train to Cambridge. Ida & Alpha had
home opened for us. Telephoned first
for Dr. Dreier. He examined me & said
I had bad dumb gripper & must be
very careful for another week. Would
not hear to Washington trip. "Unjustifiable
risk" - so I telegraphed Henry I should
not go. Had planned to stay to - see
Wren a fine letter to send & sleep.
Walter D. came down & spent evening.

first in Garden, 10 P.M.
Took walking

Cambridge - Concord.

Ther TUES. APRIL 23, 1912 Wea
Dull

Cloudy with strong cold N.W. wind.
Showers in early forenoon. Hazy, gloomy day.

Ruby - crown Kinglet x, Crow (in
linden early morning), Jay & Robin only
birds noted in Garden.

Spent forenoon in Museum writing
letters. Much better to-day & stranger.

D. Drinn called at 9 A.M. I called
on Loring Fuller 9.30. Lunched alone.

Gilbert & I took 2.08 train for
W. Bedford. Saw pair Sparrow Hawks
close to village bay region. Found

myriads of Swallows skimming close
to water over river & meadows. Fully

200 off. B. Hill. Not less than 700
between middle Great M. & Birch Id.

(about 500 over Ice Swallows & 200 Barn.

They were mostly over exposed Shale
rocks. Raging N.W. wind tore up Am Oribu.
Took short walk in Cat. P.M.

Concord

Ther WED. APRIL 24, 1912 Wea
Fair

Sunny forenoon; cloudy afternoon with
light rain at eve. Westerly gale blowing all day.

First Solitary Vireo x & White-throated
Sparrow (fair adult). First web nest
of Tent Caterpillars swarming with tiny
new-hatched larvae. Most of Swallows
gone only about 20 remaining. Fine old
♂ marsh Hawk seen twice beating
clouds about Ball's Hill. A few
Yellow warblers (about 8 ♂♂ x), 2 Yellow
Red-bellies, 1 Ruby crown K. x.

Pat & Jeph worked all day on new
extension to wood shed, Pine Park. I
was with them 8-11 A.M., 2-4 P.M.
Got very tired both times & had to lie
down after it. Evidently I could not
have stood this trip to Washington.
A.O.U. Nov. Com. began work here to-day.

Concord

Ther THURS. APRIL 25, 1912 Wea
Fine

Brilliantly clear with fresh, cool N. wind.
Phoebe first bird to sing at daybreak;
Red-wings a little later; 4 or 5 Yellow
rumps at 6.45. At 7 a Fish Hawk
passed flying S.W. towards Fairbairn Bay.
He returned 20 min. later with fish in
talons. At 3 P.M. a Fish Hawk plunged
into river within 50 yds. of cabin but
emerged without prey. At 7 A.M. a
Green Heron passed high up to N.E.
Only a few birds through day. A
Pine W. & Ruby Crowned Kinglet singing
over hill. Robin singing across river at once.
Robins & Song Sparrows down very dense.

Spent day with Pat & Zeph on
hill near cabin working at various things.
In late P.M. sailed to extreme N.
end Great Meadows & back. Only a
few Red wings singing. Sailed back
Hill this fine cabin at sunset.

Concord

Ther FRI. APRIL 26, 1912 Wea
Fine

Sunny but hazy; clouds gathering
at eve. Heavy S. wind all day.

First Black & White Creeper } calls just
3 Pine Sennets in oak } bend cabin,
B.H., 7 A.M.

Fish Hawk on pole Holden M. 7 P.M.

3 Bellarm, one showing superb plumage
as it circled on wing, two jumping freely,
all at edge meadow opposite cabin 7.30 A.M.
Bright & ten Yellow rumps on hill.

Started hear Partridge 30 yds. of cabin.
Phoebe building in Pine Park shed.

" at cabin first bird heard at
daybreak. Red wings soon followed,
singing in oaks directly over me.

Spent forenoon with Pat. He moved
a lot of mountain laurels to cabin
from rear of hill. Went sailing after lunch.
Halter T. on arrived at 3 & stayed
until 5.30 when I ferried him over river.

Concord.

Ther

SAT. APRIL 27, 1912

Wea

Dull.

Cloudy with showers of fine rain
at noon & eve. Heavy S.W. wind. Cool.

First Black thr. Green W. Ball's H. 2 P.M.

" Winter Yellowlegs. Hd. Gnat M. . .

2 Black & White Creepers & 1 Solitary Vireo &

2 Pine Warblers & Yellow Rumps scattered

about everywhere in small numbers,

Red shouldered Hawk & 3 ad. Marsh Hawk

flying low over Pine Park, Herring Gull

flying high past Boon Hill, pair of

Blue Jays near cabin 7 A.M., Phoebe

& Swamp Sparrows singing well on morning

& evening, Robins singing a little,

Red-wings singing vigorously, Song Sparrows

very silent of late.

Spent most of day working with

Pat in Pine Park. Transplanted ferns

& herbaceous. Short sail after dinner

Concord.

Ther

SUN. APRIL 28, 1912

Wea

Fine

Brilliantly clear with strong
cold N.W. wind - a gale at times

First Cave Swallows, Bank Swallows
and Cherry Swift - then with
about 50 Tree & 20 Barn Swallows
flying low over river all day.

Not many small birds in woods

a few Yellow-rumps, 2 Yellow Palms,

a Ruby Crown Kinglet, 3 Juncos

& a Rusty Blackbird being the only

north-bound migrants. Saw 4 Robins

& 3 Chaffins in Benson's pasture,

2 Doves flying over orchard N.W.

at Farm. Partridge drumming near

spring. Maples after trees & barberry

bushes green with unfolded leaves.

Spent most of day writing letters.

Walked to Farm & back in Cab. Park.

Concord.

Ther

MON. APRIL 29, 1912

Wea

Dull.

Cloudy, cool, calm. Heavy rain at evening with light easterly wind.

At 7 A.M. two Bellies alighted together & stalked about in company in the marsh across river but neither showed any interest. Two were pumping hostility in distance at evening.

Five Robins, Yellow Warblers (2), a Yellow Robin Warbler, a Ruby crown W. & a solitary Oriole singing on hill at 8 A.M.

In late P.M. an immense flock of Swallows appeared flying over river. When I went out in canoe to observe them at 6 P.M. there were nearly if not quite 1000 off near Ball's this. A little later they circled in a dense swarm about button bushes & soon alighted. But finally (6.30) they all rose high in air & flew off towards N.E. There were about 600 Redpolls, 300 Robins & 100 Bank Swallows.

Concord.

Ther

TUES. APRIL 30, 1912

Wea

Fine

Early morning cloudy. Sun showing by 10 A.M. Rest of day clear & warm with light easterly wind. Evening calm & beautiful.

First Pigeon hawk, ♀, flying N.E. low over river past cabin 2 P.M. I was high on hillside & fell down on her back & tail.

At 11 A.M. a ♀ Sharp-shin Hawk in full plumage of Song Sparrows passed near western field along river path near cabin. I threw my cap at her & shouted when she turned off & alighted in oak. Sparrows plunged into brush on edge of river.

First Hawk passed soon after flying N.E. About 200 Swallows over river at 7 A.M. Only a dozen or so in P.M. but many small ones in air.

Spent entire day inspecting & transplanting of hemlocks from cedars on Ball's Hill.

Worked all day transplanting hemlocks with cat

Concord

Ther

WED. MAY 1, 1912

Wea
Fin

Brilliantly clear with light westerly wind. Scarcely warm.

First Brown Thrasher (seen bird in thickets E. end of Ball's Hill) and Towhee (singing, 8 a.m., same thicket). The usual early morning singing of our Phoebe, Song Sparrows & Red-wings. Very little singing & but few birds of any kind seen, through day. Air warm but breeze & Robins going to roost in swamp behind Ball's Hill, one of them singing well. Gilmore saw a Golden-eye on way to G. M. Hill. Full chorus of English Hogs & Hylas at one place a few Green Herons. Spent forenoon with Pat digging holes for trees behind hill. To Wat Bedford nursery in P.M. Found nothing there that I could buy.

Concord.

Ther

THURS. MAY 2, 1912

Wea
Fin

Clear & cool with fresh N.E. wind

First Yellow Warbler, ♂, 7 a.m., Pad. Rd.

" Blackburnian " ♂ Bird 7: (Gilbert)

Big flight White-thr. Sparrows. 25+ along south side Ball's Hill, about 30 seen by Gilmore between Barnard's & the Farm. Singing fairly about cabin all day. Mostly from adults but a few dull colored birds. Very little general singing of local birds. The season of "April bust" still on. English Hogs in full cry at evening & Hylas making deepening din. A few Green Herons. Shad bush on lower side of hill by river unfolded several blossoms this afternoon.

Spent most of day with Pat selling and selling pines & balsam north side Ball's Hill.

Concord

Ther

FRI. MAY 3, 1912

Wea
Fine

Brilliantly clear with light
N.E. wind. Rather warm.

First Maryland Yellow Throat (♂ B.H.)
Parula Warbler (♂ at Farm) House
Wren ♂ (behind house at Farm)
Least Flycatcher (1 at Farm; 1/2 in
Lawrence's orchard) Mallard ♂ and
flying over B. H. with 3 Black Ducks
at 9 A.M. About 10 White Thr.

Sparrows at B. H. & at least 30
at Farm. Shot bush in nearly
full bloom by river, Forsythia
at its best at Farm

Planted flower seeds at B. H.
& continued in until 10 A.M. when
I walked to Farm. Got dead of
Hotel Farmstead & found & returned to
James brought a box back on our car
Wren & White Throat arrived at 3.30
P.M. We walked to Farm then to
the house & to the river.

Concord

Ther

SAT. MAY 4, 1912

Wea
Fine

I discharge D. Jones.

Brilliantly clear with fresh E. wind

First Water Thrush & Pad. Id. 8 A.M.

" " " " " " " " " " " "

Numbers of Yellow Rumps, 2 Yellow Poles,
♂ Blackburnian & fine ♂ Pine Hill.

Bald Eagle, plain brown bird, tagged
wings, flying high E. over river at Birch Id.
(5 Cherry Swifts at Farm, 3 P.M.)
4 Bats in shed at Farm (first noted)
Hill. Wren Sparrows, 6 B.H., 10 Farm.

The Stones & I with three canoes
paddled down river in A.M. to
Carrick bridge, sailing all the way
back. In P.M. we walked to Farm.
M. B. Cooley sent boy for "Billy"

I refused to let him have her. A little
later James behaved very insolently
about her & other matters & I gave
him a month's notice to leave the place.

Concord

Ther

SUN. MAY 5, 1912

Wea
Fair

A. M. sunny; P. M. cloudy, Cool
with winds from E., S & W. by turns.

Arrived Rose. Green Gristle, Bobslink,
Chestnut Side Warbler heard 6. 7 A. M.
as I was in bed in cabin. Kingbird (1)
Sawanna Sparrows 1x, Solitary S. 1,
1 1/2 river, Nashville Warbler 1x 7 am 6 P. M.
Tittowies (4), House Pond, on wing.

♀ Bittern, very tame, at House Pond
standing along edge of river. Watched her 1/2
hour within 30 yds. Saw her eat from
pan 5 in. long & 4 small objects
apparently larvae. See journal.

The Stevens & I in 3 canoes went
up river to House Pond 10. 12. 30.
In P. M. walked to T. L. L. via
Darius Hill & Beach St., back on
Holden's Hill

Concord.

Ther

MON. MAY 6, 1912

Wea
Stormy

Raining steadily all day. Cool
with light east wind.

First Wilson's Thrush a silent bird
in front of cabin 7 A. M. & later, a ♂
Tanager & 4 White throats there, also.

Upwards of 100 Swallows, mostly
Tree Swallows, spent day flying close
to water on river opposite Bobslink.
At evening we saw 5-6 Night Herons
flying past hill over our Great Meadows
in a compact V-shaped (like Ducks).

The Stevens returned to Boston by
8. 10 train. I went to station with
them. Returning I spent evening
day in cabin writing letters &
doing various odd jobs. Left
morning had horses. P. M. not here after
8 A. M.

Concord.

Ther TUES. MAY 7, 1912 Wea
Dust.

Cloudy with light, cool E. wind.

First Cal bird at 7:00 a.m.
Redstart at 7:11.
Gen. arrival of Black-throated
Green Warblers & Black & White Ayres.
Yellow warblers, Yellow Throats &
Pied-bills. Birds still common.
Three flocks (15, (4) & (2)) of Black.
Ducks rising from Great M. at
evening with noisy quacking.
Horned Grebes still at 7:00. 4
Bats in wood about 6:00.

Leah & I walked to Farm just
after breakfast crossing north of
and collecting along the way. The
kept on all afternoon in Berry P.
Jennings & I planted fresh trees &
grove berries. Planted more at B. W.
after dinner. I started up road
to Dalton Hill at 5-6 P.M.

Concord

Ther WED. MAY 8, 1912 Wea
Betty horse sent away Stormy

North-easter with fine misty rain
in forenoon & heavy downpour all
afternoon. Strong N.E. wind. Very cool.

No arrivals & but few birds of any
kind noted. A small flock of warblers
- Yellow warblers, 1 Yellow Throat, 1 Black-
throated Green, 1 Chestnut-sided, 1 Pine
Sparrow on sheltered slope of hill.
Three White-throats & a few seen
cabin. Also a pair of Blue Jays
about 50 feet Swallows & 20 Barns
skimming close over surface of river
all day, flying straight & fast
like young or wounded birds. No large
birds. Gulls near to Boston.

Betty horse driven to Red Oak Farm.

I planted things about cabin in a.m.
Went to Farm in P.M. & talked
with C. & Mrs. Hunt (Red Oak) by telephone.

Boncord

Ther

THURS. MAY 9, 1912 Wea

Wea
Meyach

Forenoon calm & mostly sunny.
Afternoon cloudy with 3 heavy thunderstorms.

First Red eye V. (8 a.m.) & Baltimore Oriole (9 a.m.) both near cabin, not singing. General & very delightful singing of many birds at early morn & up to 10 a.m. Thrasher across river, lots of Red wings, Flicker on hill, Black thr. Green, Pinn. W. Chestnut Tit, Blackbird on, 2 Chickadees etc behind hill; Phoebe, Song Sparrow & White Throat at Cabin. Green Heron on back slope of hill. 2 Redwings jumping in Great Meadows (2 Black Ducks feeding from it, Great Yellowlegs calling them (or on) (8) High. Herons flying past Cabin 5. P.M. (Yellow) Tule Hawk plunging into river & canyon near trail (S.O. Dyer 12 noon) 6 Sharp N. Mockers singing past Cabin at evening. Sparrow hawk a day in & near cabin. Wren. a lot of Yellow & Chipping. Dyer, dead weather this and we gathered 15. I know that I want to see Paul. I want

Concord.

Black Snaker & Deer Mouse (at farm)

Ther

FRI. MAY 10, 1912

Wea

Soon heard at B. H.

7.12.12

Early morn & Cal after noon Cloudless
calm & warm. Most of day cloudy
with high, cool N. W. wind.

First apple blossoms. Shad in full bloom.
" Gay Mr. Carver out on road.
Delightful bird chorus about B. H. in

Early morning with Breeze, Grosbeak &
Hawthorn calling prominent first. At
8 A.M. heard, loud & strongly near,
the Cough of a dove given twice apparently
by bird in coming a little E. of hill.

Selfish Pat & I went to Farm at 8.30
& I was very alone. Only a few birds
singing among them Wren, Thrush, Cat bird,
Solitary bird. Two Swallows & a house
crow making noise, & bird calls.

In Berg Pasture saw Black Snakes
4 ft. long swallowed Deer Mice & took
to the among grass (don found).

Dexter appeared with me at Calum
4 Aug. & worked 9.30.

Concord

Ther

SAT. MAY 11, 1912

Wea

Delightful

Brilliantly clear & deliciously warm;
forenoon calm; fresh S.W. wind in P.M.

First Gairdner's Gnatcatcher - 1 seen - B. H.

First Magnolia Warbler - B. H.

" Great Crested Flycatcher - 7 seen.

Several Yellow-rumps & 1. House W. &

1 House Thrush, 2 White-thr. Sparrows

all well fed. Delightful chorus

Red-wings, Robin, Grackles,

Song Sparrows etc. all forenoon

One Phoebe singing only at daybreak

none. Two Bobolinks & One Goldfinch

Chipping, Black-b. Grosbeak, Pine W. &

Song Sparrows (2), Orioles 2 &

Yellow Warblers 3 &. Fish Hawk

with Horned Owl (?) on pole E. of him.

First Towhee's Song. Golden Plover & Hylas

Sparrows nest of song at B. H. working
on canvas with Teph. home to find
last P.M. Pat came down for by hand
& to see how many eggs.

Concord

Ther

SUN. MAY 12, 1912

Wea

Stormy

Cloudy with violent S.W. wind and
heavy rainfall from 11 A.M. to 2 P.M.

First Yellow-throated Vireo (across river)

" Canadian Warbler - B. H. Swamp.

" Scarlet Tanager ♂ ad, calling, B. H.

Many Warblers behind hill in Swamp,
mostly Black-thr. Green & Chestnut-sided.

22 ♂ & ♀ Red-wings & 3 ♂ & ♀ in Benson's pond.

At 3 P.M. saw pair Spotted Sandpeeps
aspirated on sand bank near Cabin.

Sexual contact lasted fully a minute

& flapping wings all the while. After

the male stood erect & still another

minute on back of ♀, as on a rock.

At 10 A.M. saw what looked like

Belted Scaup flying up river close to water

Planting wildflowers & setting lettuce out

One Scaup sunbathed meadows 2-3 P.M.

Walked to farm & back to 6 P.M.

Concord. Cambridge. Boston

Ther

MON. MAY 13, 1912

Wea

Dull

Cloudy with strong warm S. W. wind
and occasional light showers.

Flocks of Warblers in woods on
& behind B. H., early morning, but
nothing seen among them. Heavy flight
of common ~~swallow~~ residents chiefly -
Pouchin's ~~birds~~ & Tree Toads in full cry & P.

To Cambridge by 8.00 train.
Dine French on a Sat. with him
as far as Arlington & with Foxon west
of way. Had hair cut & ordered two
suits clothes in Harvard Square.
Reached home at 11. Spent hour with
Percy in garden. buy meat with
help of Mrs. Larkin & visit in bloom.

Started for Boston 12.15. Lunched at
Bush O'Leary. Saw Arthur & family
& had long talk about Green matters.
Returned to Concord by 4.51 train to
Bedford & sat in car to Concord.

to Concord.

Ther

TUES. MAY 14, 1912

Wea

Fair

Clear & very cool with raging W.
wind changing to S. W. in late P.M.

No arrivals noted. Only a few
small birds in Balls Hill region
almost none at Foxon. Robins
exceedingly scarce. A pair at Balls
Hill, another at Bedford & a third
at the Farm are all I am
noting daily. Foxon reports the
same extreme scarcity elsewhere.
Song Sparrows also are now as
plenty as usual. The only north
bound migrants noted today were
an House Wren, a Kinglet &
a Horned Lark, all at Balls Hill.
Heard a Cowbird & Yellowthroat at B. H.

Spent most of day working in
woods behind hill with Zeph. Went
to Farm at 4 P.M. Getting ready
for fall. Better weather Concord.

Concord

Ther

WED. MAY 15, 1912

Wea
Fair

Cloudy with occasional gleams of
sunshine. Forenoon calm. First S. W.
wind in afternoon. Rather cool.

In woods saw Least Sandpiper
Two migrants - 4 Yellow-rumps, 1
Water Thrush only obvious ones.
Birds sang well early morn.

Spent most of forenoon on back
slope of B. H. where I got a lot
of young oaks among the black spruces.
Black flies very bad. Seams up in
face & oaks very attractive with
pink & salmon foliage. Left I tinkered
cars in P. M. Gilbert went to
Boston to Mrs. Chubb's funeral.

When he got back at 6 I started across
Great Meadows. Near its middle flushed
5 Black Ducks & Mallard, 2 Black Ducks,
3 Greater Yellowlegs (very noisy) & several Lesser S.

Concord

Ther

THURS. MAY 16, 1912

Wea
Stormy

Heavy north-east rain storm coming
all day. Cool. Strong winds. Thunder
to westward at evening.

No arrivals. Small birds very
scarce in Ball's Hill woods. Almost
no singing. One Water Thrush the only
north-bound migrant. About 30

Scallards (mostly White-bellies) skimming
water over river. Greater Yellowlegs
calling at 8 P. M. Very singing
in swamp near Pine Park at 6.30.
Hardly any birds seen or heard at
Farm. Walked there at 5 P. M. One
Owl in chirp. Not a single Robin.
Gilbert had similar afternoon there at
9 A. M. One or two Oven Birds singing
in woods. Saw Robins in lawn.

Spent most of day in calm
working. Set out a few plants.

Concord.

Ther. FRI. MAY 17, 1912 Wea
Big bird war. Prothonotary Warbler Tree

Chiefly sunny, partly cloudy, sev. light
showers. Warm with distinct S. W. wind
changing to N. W. & cooler at evening.

Great bird day. Heaviest migration
of month thus far. Fin singing early morn.
Arrivals Gray chock Thrush & Grosbeak &
red. (2 ex 6). Prothonotary Warbler, Black poll
Black throated Blue, Wilson's Black cap, -
10 meadow Larks, Wood Pewee, Hummingbird,
Black-bellied Cuckoo.

When I awoke & opened my eyes at 6:30 I heard the Peewees singing. Dressing & opening door I saw them on front of cotton on branch over path, then on bush through, later on walls on side & out of wall, still later on flooded meadow distant as when after breakfast I followed them on soap corner. From 6 to 8:30 we are very much busy hunting about B.H. worked a farm 8:30 - 9:30. Hunt, singing everywhere. Hunt was Lion Hunt & Phoebe's farm. Lots of birds at farm. Sleaked the Franklin 7 weeks in flower garden. Saw James Capshaw's house of bees. Antiphonal Dryads. The camp dinner is over on his table. He looked in some of the morning. Finish & after dinner an other for Peewees. The wood was blown through a path. I was out of my way very early in morning. Still with Y. I heard 25th & 26th.

Concord.

Ther SAT. MAY 18, 1912 Wea.
Ring-neck Plover. *Fine*

Clear with fresh W. wind. Warmest
day of the season thus far.

No animals noted. Only a very few north-bound migrants, an House Wren, Canadian W. and 2 or 3 Yellow-rumps. Making up the list of woodland birds with a Greater Yellowlegs & a Lesser Sandpiper to represent the waders. The latter I saw at Seneca in Great Meadows, where I saw also a drake Mallard flying with 3 Black Ducks. There were about 50 Swallows there skimming low and at least 5 cock pheasants cawing in all many directions. Besides 2 Bullfrogs jumping. A beaver & singing delightfully late off. cotton.

Spent most of day on B. H. working
on course etc. in Zeph. Walked to
Davis Hill & Penn Parle 8-9 am

Concord

Ther

SUN. MAY 19, 1912

Wea
Fair

Clear & very warm with strong
W. wind (the river white-capped).

No arrivals. Only north bound
migrants. 1 Robin, 1 House W.
The least seemed scarce in
best birds. Even before I was
in early morning there was bird
with singing. And I found when
I opened my windows at sunrise
was the song of a Red-eye.

Spent forenoon at Ball's Hill
taking a short walk after
breakfast & then sailing down
to Little Neck. Started for Town

at 3.30. Sailed for York.

Green bird came for it only, a very
few. It was a very small one that
was at home. Had a few birds with
me. Called at Mr. Thomas' Bank
to see the birds.

Concord.

Ther

MON. MAY 20, 1912

Wea
Mixed.

Forenoon cloudy with frequent showers.
Afternoon sunny. Fresh chill E. wind all day.

No arrivals. Solitary & least S. only
north bound migrants. Great numbers
of Swallows, mostly Tree & Bank, skimming
low over river & meadows. About 25
Geese flying about W. and B.W. at sunrise.

Spent forenoon with Pat & Zeph at the
Bullock Landing taking to pieces my two
old boat houses built at home by
Red Healy in May 1886 & at Bullock's
since 1892. Saw birds there as of yore
Robins, House W., Warbling vireo, Purple Finch,
Greenback, Oriole, Great Fly. Chipping etc.
Sailed most of way up & back in canoe.
Back to Concord by 1. Sailed down to
Bullock's & back in P.M. Also visited
to Peter Park at sunset.

Concord,

Ther TUES. MAY 21, 1912 Wea
Second May flights of warblers Fine

Sunny all day. Forenoon calm &
warm. Ch. E. wind in P.M. Thunder
showers to S. at evening. Very heavy on
Lake & wind swept land night.

First Bay - forest Warbler 6x in
B. H. J. 11 A.M. First White Crowned
Sparrow in office here at 7 A.M.
First Cedar bird (3) in blossomy of the tree.
Hickory, flight of warblers, mostly Olive-backed
Redstarts, Maryland Yellow throats &
Black-bills, much scattered, several
Olive-backed Thrushes. One Gray Check
is nearly fresh. Song B. H. 11 A.M.

Found Partridge and 11 eggs to the surprise.
In the field I killed 1 Partridge 3 eggs & 1 egg on the ground
on 6 A.M. I heard a few very loud
Spurred forenoon on Ball's Hill looking
up Camp to look for Sparrows. Killed
a Pine Siskin 11 A.M. Calm, birds
long flying all forenoon. H. W. Richardson
came down at noon to find me with
I went down to look at the shore. Spent
much of afternoon at home.

Concord.

Ther WED. MAY 22, 1912 Wea
Move to Farm to Hays. Fine

Clear & cool. with fresh E. wind.
Early morning calm with birds singing
little wind & fresh up to 11 A.M.

First Yellow-bellied Flycatcher calling
near Barn Spring. First Hairy woodpecker
1 seen, 1 heard, 6 & 6.30 P.M. at Farm.
Very much like same birds at Ball's Hill
& at Farm as yesterday. I doubt
if many kept on northward last night.
It was dark & raining hard from
8 P.M. to past midnight. At Farm
saw a beautiful White Crown Sparrow
again. It was in the yard & came
all day. Saw at least 2 House Wrens
and singing all day.

We moved to Farm this morning. I
worked up planting Lophoceros & Partridge Pea
bushes all along the way. Spent day
working on the garden with Pat. Killed
a Red-bellied Woodpecker & a Bay Breasted Warbler.

Concord.

Ther THURS. MAY 23, 1912 Wea
Spraying begun at 7 a.m. Mild.

Morning cloudy with cool S. E. wind
Afternoon sunny & warm with S. W.

First Whippoorwill. Many north
bound migrants at Farm, mostly in
apple orchard & big elms, among them
White-crown Sparrows, Canada W.
Crows W., Blackpoll, Winter Blakes,
etc. Black-burnian (in elms),
Lesser Nighthawks flying high, N. E.,
at 7 P.M. Whippoorwill heard &
with call for of towards N. W.
Heard Gulls. Saw Gulls coming at
11 & 11.30 call night & flying this
morning.

Duron arrived at 7 a.m. & spent
day spraying orchard & other crops
of farm. I with him most of time.
We used 1 lb. lead to 6 gal. water.

Concord

Ther FRI. MAY 24, 1912 Wea
Fine

Clear with strong S. W. wind and
a succession of heavy thunder showers at
even with hail & floods of rain. Warmest
day of spring thus far. Probably about 85°.

No arrivals. Few north-bound migrants
a Blackpoll & a Yellow-bellied Flycatcher
being all I noted. One Wood Pewee
singing in elms at Farm for first time.
Only the usual summer warblers heard
heard there this season. These warblers
in fullest song. Juncos in bloom in
garden, Crows on Balls Hill.

Spent entire day with Duron &
his men. We sprayed in forenoon
in Birch Field, at the Spring and along
road between in between in P.M. at Balls
Hill. When I arrived, had a nap in my
cabin & walked to farm after lunch.

Concord

Ther

SAT. MAY 25, 1912

Wea
Fine

Clear & cool with light breeze to
E. & S.E. winds. A rare day.

First Olive-sided Flycatcher heard
on Pine Ridge, 3.30 P.M. by S.O. &
Lewis Dexter. They heard "thunder"
call & this only once but distinctly.
At the Farm I heard a Black poll,
a Canada Warbler, a Swainson's Thrush
& a Yellow-bellied Flycatcher (in rim)
and a Nighthawk (hooting) at evening.
Evidently the migration moving is close.
Baltimore Oriole heard. A few
Hawks still peeping & a few Screech Owls heard
17 Robins in wood shed loft.

Spent day with Dusen & family
on board & Bay Harbor. By long train
very numerous about farm less so in
woods. Very good in apple trees.
S.O. & Lewis Dexter heard with W.
at 2 P.M.

Concord

Ther

SUN. MAY 26, 1912

Wea
Fine

Clear and warm with light
Southerly, to early winds. Evening
delightfully cool & entrancingly serene.

Birds singing freely & joyously
in forenoon at Farm & on Cole's Hill on
Ball's Hill. At Farm they do not seem
to be so suppressed in least serious spray
of rain (but drop). At our region
of common residents (except Yellow Warbler & Bluebird)
there are above usual numbers (Saw. Oriole)
& in addition two pairs House Wrens.

Of north bound migrants I heard singing a
Black poll, Canada W. & Yellow-bellied Fly.
Walked to Ricketts place after breakfast.
J.C. Malin arrived at 9.30 & spent
forenoon with me in harbor. Put
canoe just after dinner & walked to
Ball's Hill with me. I am passing
night there. Walked to Pine Ridge, then
Park & Harbor Hill 6-7 P.M. Good evening

Concord - Cambridge.

Ther

MON. MAY 27, 1912

Wea
Fine

Clear & pleasantly cool with light, breezy
S. W. wind

In Cambridge by 8.10 train. Green
Heron passed here at 6.30. Saw the ♂
Spurred Hawk circling & leaning over
Parker's orchard as I walked to station.

When I reached our place in Cambridge
a Bay-breeze Warbler was in full song in
top of birch tree. Later he moved to Elm
Jungle & sang there all day long. His
typical Leary - Leary - Leary song sometimes
had a prolonged warbling ending next to me
& not unlike that of Minutella's hum song.
Only other birds about place were a Downy
Woodpecker, Robin, Red-eyed Vireo, Blue Jay,
2 Singers & Oriole in distance N. E.
Spent most of day in house writing letters.
In Harvard Grove at 5 P.M. saw
cotton-tail & saw cat. Called on
living figures on way back. Saw a fox
& a dog in edge of woods. Should

Cambridge - Englewood

Ther

TUES. MAY 28, 1912

Wea
Fine

Clear but hazy. Warm with light
southerly wind.

Took 10 a.m. train to New York.
Arriving there on 3 P.M. subway train
to Manhattan. Chapman met me on
Ferry. Crossing river we found his Buick
car awaiting us & in it traveled about
20 miles revisiting many of his favorite
woodland haunts & seeing much of that
part of New Jersey. Heard a Cowbird Thrush
in full song. Reached Chapman's new home
about 6.15. Heard Thrush & Robin singing.
Pretty place with fine trees. Delicious dinner
7-8 with Mrs. Phelps & her friend Mrs.
Ellis as guests. I will visit & come on
later. After guests had departed
the Chapmans & I sat up until
midnight and had a good talk.
They are both rather down in the mouth
now.

Englewood, Newark, Hackensack, N.Y., Convent

Ther WED. MAY 29, 1912 Wea
Probable rain Gen. B. H. H. Dull.

Cloudy with successive heavy showers
showing in P.M. Sultry, humid day.

Birds singing freely about C's house in
early morning. Robins, Catbirds, Orioles,
Grackles, Chats, etc. Just after breakfast
we walked half a mile to golf links.

Heard Hairy Woodpecker & Kinglet in vicinity.
Saw pair of Orchard Orioles, Cowbirds
nearby in H. & singing well - Field Sp.
Song Sparrows, Red-eye, Yellow Warb., Indigo B.
Meadow Larks etc. Took trolley to Ferry
Subway to Day St. where met Gen. V. Barrett.

He & I went to Newark and thence (11-12)
by trolley to Hackensack where we passed
Gen. B. Kettell's house. Long ride on rough
roads. Working bees singing in H. village.
Back to New York by 3. Dined with Mrs. D.
in Railways Club, took 5 P.M. train to
Boston. Left New York by 10.45.

Cambridge-Concord.

Ther THURS. MAY 30, 1912 Wea
Dull.

Cloudy with cold N.E. wind and
fine, mist-like rain. Brief thunder showers
at evening.

Two Red-eyed vireos, near together, in
full song in Hubbard Park at 9.30 A.M.
The only birds which seem to be haunting
our garden at present are a pair of
Robins (probably breeding), a Red-eye, &
a Blue Jay. An Oriole & two Starlings
appear occasionally. Yellow Warblers,
Redstarts, Chipping, Grackles & Cuckoos
have apparently ceased to frequent it.
Gilbert & I went to Concord by 7.50 a.m.
Fitchburg train & thence to W. Bedford by
trolley. Found Peter & I. men at Ball's Hill.
They spent day spraying oak woods W.
of Pine Park. I walked to Town
after dinner. Lots of common birds in full
song there. Only a very few at B. H.
Many Concord on river despite gloomy
weather.

Concord.

Ther

FRI. MAY 31, 1912

Wea

Stormy

Raining most of day, heavily at times with thunder & lightning. Cold with N.E. wind changing to N.W. & clearing at sunset.

Birds singing feebly about Ball's Hill in early forenoon. There are not many settled here this year. On the hill

I now hear only a Red. ^{an Olive bird} & a Robin

In the Swamp berries (2 or 3), a

Chestnut-sided Warbler, 2 Maryland's

A ♂ Redstart singing near cabin to-day

No more heard singers save a Kingbird heard at evening in Barnes's pasture

A Bittern pumped at frequent intervals from 8.30 to 9 P.M. (night dark & cloudy)

Pure came this morn with 6 com

& stayed on Blodgett's ledge until

11 when I saw drive him home. I

collected 6-7 com in late P.M. &

Collected C., Chipping Sparrow & 2 more

Concord.

Ther

SAT. JUNE 1, 1912

Wea

Fair

Clear & warm with fresh W. wind.

Silent Water Thrush on river bank, B.H., the only small north. bird migrant. Green

Gullard. Eggs from pair. Cuckoo in air P.M.

Summer residents birds singing delightfully all day & especially at morning & evening.

On or very near Ball's Hill heard Robins,

Robin, Song Sparrow, 3 Red-wings, 1

Song Sparrow, Yellow Warbler, Green Bird,

Maryland Th. Oriole (3 in Swamp) Towhee,

Grackle, Oriole, Red wings (4)

Across river heard Red wing, Black thr.

Green W., Black-throated Green, Bobwhite,

Grass Finch, Wren, 2 Yellow-bellied Cuckoos

Thousands of Dragon-flies appeared about dusk, filling air over lake & marsh.

Spent most of day across river with Purser's boat. Spraying corn & on Blodgett's Pond

Concord.

Ther

SUN. JUNE 2, 1912

Wea
Fine

Clear & very warm with
balmy south west wind.

It was simply heavenly at
Ball's Hill in early morn. with
the cloudless sky, calm river &
all... purveying sense of peace & beauty.
The birds sang like mad & the air
was with their music. It was
the same as the Town to which
Gilbert & I moved our belongings
at 9 a.m. Later I had a friendly
talk with J. W. & found him off.
At 3 P.M. a Mr. Deering of Waltham
came with his family, with his
witness house. At 3.40 Jim Mahon
came in his motor car & took
me to Concord where we got
Mrs. Mahon & called on Charlie
Gordon his wife & daughter. At 6 we
met Dick Dana at the depot &
took him first to Stuyvesant Hotel &
then to Town where he is to stay over

Concord

Ther

MON. JUNE 3, 1912

Wea

Reunion day with Dick Dana Fine

Early morning cloudy. Rest of day clear
& just agreeably warm with light S.W. wind

Spent entire day rambling slowly
through woods & fields with R. H. Dana,
the friend of my youth. It was for me
a day of joyful companionship & pure
pleasure. He saw many interesting
things & talked incessantly, ever with
the most delightful sympathy & intelligent
understanding. The afternoon was the
most perfect time of all. The birds sang
all day long & the country seemed alive
with them. In A.M. we went to North
Fitch, North Act., Davis Hill, North &
Hudson Hill; in P.M. up Beacon
Hill to Watson's & finally through Barry P.O.
to Reading from Sans Paredon South Long &
came up in road across Barry Hill
near Spring Brook in woods & had long
talk with Mrs. Pomeroy & her
family on things & places.

Concord.

Ther

TUES. JUNE 4, 1912

Wea
Time

Sunny & warm with strong S.W.
wind. Much less pleasant than yesterday.

Birds singing well in early
morning but silent through much
of day because, no doubt, of
the thunderstorm. Thus
about the farm seemed all
present despite the heavy &
general spraying of yesterday
& to-day. Nor did I miss
any of them killed about Ball's Hill
when the Blackmore Ridge was sprayed
last week. Peter & his gory 16 were
worked all day on elm & oaks at
farm. Duran's team spraying on
both side of Ball's Hill. I spent
forenoon at farm, afternoon at Hill
Till 8 and left for return to
Cambridge full of breakfast

Concord

Ther

WED. JUNE 5, 1912

Wea
Time

Brilliantly clear & deliciously cool
with strong N.W. wind.

Spent forenoon with Duran, Toph
& Boller spraying. We began in
wood road leading from Birch Field to
Bentley's, continued along road from
Ball's Hill over Pine Ridge & then took
the line of oaks on west side B.H. Hill.
When the sun spent rest of day, I
returned to farm for dinner and
went down again in afternoon.
It was very beautiful along run from
of Ball's Hill. Looking in hollow
down in Pine Park, meeting Joseph there.
Took nap in cabin & dandelion study
back to farm on evening. Heard through
us first song again in Birch Field
Birds to be heard half hour only
a family sound of song.

Concord.

Ther

THURS. JUNE 6, 1912

Wea
Mild.

Mostly cloudy with showers in afternoon & evening. Warm S. W. wind.

Spent forenoon at farm going about with Pat & Zeph attending to "lost" things. Luren spraying oaks in Pulpit Rock woods until rain forced him to stop at 1 P.M.

I was with him only a few minutes. Birds not singing freely. I heard most of them to be expected at farm except Yellow-thr. Vireo & Cuckoo. (or all) of which I fear may have been poisoned by our spraying.

Walked to Ball's Hill with Pat at 2 P.M. Put away boat & canoe & started on our road on Pine Ridge.

Packed up river on coming. Two yellow iris flowers in river front of cabin. Only a few birds in song.

Concord - Cambridge

Ther

FRI. JUNE 7, 1912

Wea
Fine

Clear & cool with fresh N. W. wind.

To Cambridge by 8.10 train. At Arlington found that a great strike of Boston Elevated employees had begun.

Waited 10 minutes for a car. It was crowded when it came but I squeezed in. When we reached No. Comb. Junction found a great crowd of men, women, children waiting the street. As our car came slowly through them they cheered and shouted. But offered no violence. Reached our house by 9.30. Spent most of day in Magazine & garden. Bats called to please appointments for Mrs. Clark Committee on A.C. by. Captain. Saw Hampshire to get his letter sent in by Jack. Made a young man in office who mentioned United States of letters & documents for 30 days before & 30 common (525 in all). Called on Mr. Jones & on Harry Fuller after supper. Greeted, and go & return singing in garden.

Cambridge - Glendale.

Ther

SAT. JUNE 8, 1912

Wea

Fine

Clear & very cool with brisk N. W. wind

Started for Glendale this morning by 10 o'clock B. & O. train. Because of this strike I drove to Trinity Court in a coupe. The street cars were out in fair numbers, however. Run before here I saw the country all along the railroad to Ballston & back.

As a result of the copious rains of the past two months the fields are everywhere in perfect condition and the foliage most luxuriant. Where the streams & ponds are brim full.

At Longview saw a Green Heron on wing over river. Reached Glendale at 2.30

Dan & Margaret met us at station, Mrs. Frank & Mrs. Gordon at home.

Dan & I walked down Hill St to over of house with room on corner.

Glendale

12

Ther

SUN. JUNE 9, 1912

Wea

Fine

Clear & very cool with strong N. W. wind.

Spent much of forenoon in woods behind studio writing on my favorite bench under the hemlocks facing the overhanging ledge, with Red Squirrels chattering & foraging and birds of many kinds singing, close about me. It is here with birds as with flowers that there is a large variety of species yet no great number of any one kind. I bet one of a kind is not more than all one hears in any one place.

Mrs. Schumann, her daughter Dorothy & son-in-law Larry accompanied us. We went to the kitchen afterwards. Later Dan & I walked over to Mr. Mc. Intosh and had a stroll with him in his garden. I caught just coming into flower the pink buds of my hardy rose Mrs. & Mr. Gentry & Jack Nelson were all together. Spent evening in garden.

Glenade.

Ther MON. JUNE 10, 1912 Wea
Fin

Clear & cool with fresh W. wind.

Spent most of forenoon writing letters in humble's behind the house. Was with Dan for 2 hrs in studies watching his work on clay model of angel for N.J. Academy.

In afternoon he & I walked to Kynnersham & beyond. We flushed 2 female Partridges with broods of young and collected a large shad. Collected some other specimens of a few insects in a wood path. Searched in vain for the large plant with creamy flowers. Although we had not collected we found many new plants in pond where we used to be. The dam has crumbled away & the water has mostly gone. The beaver is the first to be seen.

Glenade.

Ther TUES. JUNE 11, 1912 Wea
Fin

Clear & warm with light S.W. wind.

Spent entire forenoon writing letters on my favorite bench under the humber. Birds singing fairly all about me. A Broad-wing Hawk screaming on hillside above. A ♀ Hummingbird hovering about in a humber nearly over me when I dropped there may be a nest. Dan & I walked most of afternoon in this same place, first fixing a gate, then clearing away a lot of bushes & small trees so as to fully reveal the face of a picturesque ledge. We were much annoyed by mosquitoes and by summer midges. Spent evening in garden.

At least two pairs of Robins about garden. The Whippoorwill this season. Cow Robin living under house eaves. Hummingbird seen today this morning.

Glenade. June 10, 1912. Monday. Clear & cool with fresh W. wind.

Glendale

Ther

WED. JUNE 12, 1912

Wea
Dull.

Early morning clear & warm. Rest
of day cloudy & windy with distant
thunder & our light storm here.

Spent forenoon on my bank &
in studio working letters. At 4 P.M.
Dan & I began work on a walk
on his mountain side looking up
at a group of cedars. We left
at 4 P.M. for home working
with some & collected & clearing away
a lot of brush. Spent evening in
parlor with family, reading &
telling. The Thrushes are singing
loudly. I saw Wilson's & House, the
house down calling, in house behind
studio but they sing very well
a note all over. The Robins are
singing freely.

Glendale.

Ther

THURS. JUNE 13, 1912

Wea
Fair

Brilliantly clear and very cool
with light N.W. wind.

Spent forenoon in studio
writing letters and running the
Victor phonograph for Dan's
entertainment while he worked on his
model of an angel. In the
afternoon we worked for a couple
of hours in the fine garden
position across the road. It has
changed much since I first knew it, by
the rapid growth of an tree. The
only birds singing this P.M.
were a Wren & an Ovenbird. Some
crane and some about young were
making a great clamor in pine.
Spent evening in parlor telling
what home French.

Glendale

Ther

FRI. JUNE 14, 1912

Wea

Fine

Brilliantly clear with light W. wind.
Heavy white frosts last night all over
Berkshire Co. They did little damage
in this neighborhood, however.

Spent forenoon on my favorite
bench in the woods writing letters.
Was there part of afternoon, also.

Went to studio across road to
see a family of young Flying Squirrels,
which Mr. Packer found about week ago
in a heap of old buckskin rags on floor
in corner. Saw two in this, one in arm,
one under table. All four about 1/2

grown very pretty, darker colored than
adults. One very tame one would eat
what Packer thrust at it. They
run up inside their paper as birds.
Parents probably come to the table for
me, & Mrs. Vaughan & Dr. Schenck
arrived in the P.M. to spend
Sunday.

Glendale.

Ther

SAT. JUNE 15, 1912

Wea

Fine

Early morning sunny & warm.
Rest of day cloudy & cool with
strong S.W. wind & a light shower.

Spent forenoon in garden
writing letters under a big hollyhock.
Saw several Woodchucks. One big one
coming in from the open ground
ran about slowly in section of
where I was sitting on a flat rock
before seeing me. Two young ones
larger than Gray Squirrels were
running about among & over rocks
near me. When they came together
they showed their tails at each other.
One stretched out flat on a rock in
the sun & took a long nap.
In woods behind studio swimming
with two Champeau's Squirrels.
One a very young one, also.
In P.M. walked down road a fair
at entrance to harbor.

Glendale.

Ther

SUN. JUNE 16, 1912

Wea

Stormy

Raining nearly all day. Wind
S. E. Mountains shrouded in clouds
& mist. Cool.

Spent most of day in house
& studio, writing letters, talking,
listening to the radio & friends.
Margaret & her friends Mrs. M.
Baughan, Dan & Harry Allen, Mr. Reed
& Jack Moran gathered from place to
place & entertained them greatly.
A remarkably handsome Robin
with wonderfully clear & perfect
voice sang all day, sometimes in
apple tree, often on ground in lawn.

Walking down road in late P.M.
Dan & I saw a Deer (standing)
in cornfield at edge of woods.

Sat up late in kitchen talking
over -

Glendale - Cambridge

Ther

MON. JUNE 17, 1912

Wea

Fine

Sunny & warm with humid S. winds

Breakfasting early & leaving for home
at 7.45. Dan & I rode out over to
Stoughton bridge through flowering green
fields plentifully bedecked with flowers.

We took 8.07 train to New York,
I the 8.47 one for Boston. As I
had so long to wait I walked out
along the road bordered on both
sides by meadows yellow with
buttercups and also with striking
Barbarea. Heard, also, Meadow Lark,
Yellow Warbler, ~~Blue~~ Flycatcher
& Grackles & their songs. Grackles numerous.

Met Walter Faxon by accident at Pittsburg.
We journeyed to Boston together & took
joint talk. Got home about 4.30. Plenty of
life shown & the authorities in garden.
Ruth & Martha came with Walter called at 8.30.
Ruth stayed until 11.30. Walter saw four
of Spurred Towhees & 3 young in fern in
the garden.

Cambridge - Wolfeboro.

Ther

TUES. JUNE 18, 1912

Wea

Time

Clear with strong cool west wind

Took 7 a.m. train for Waco.

Arthur E. started with me. We

was joined at Concord N. H. by

Judge Bell. The Teachers met us

at Waco with a small steamer. When

J. K. Lord arrived by 1.05 P.M.

train we started across Lake. It

was a bit rough at first but finally

smooth & very pleasant. It had

the usual pie-kie lunch on the boat.

Reached Wolfeboro at 3.30. Teachers

meeting 3.45 - 5.30. I was present. Moral

education begins. Dinner cooked & served

by our delegates. In reading 5.45 - 6.45

everything delicious. Instructional exercises

in Law Hall 8.10. Fine songs, beautiful

music. Everything very satisfactory. Instructive

meeting in library 10.15 to 11.45.

only routine business. No friction.

Wolfeboro - Cambridge

Ther

WED. JUNE 19, 1912

Wea

Time

Brilliantly clear & delightfully cool with
light westerly & easterly winds.

Called on cousin Elizabeth in library
at 9 a.m. At 9.30 the Teachers' excursion
started up Lake. Arthur, Gallenher, Halsey,
Dr. Scott, Sargent & his wife, Mrs. Halsey &
her mother, Miss & Thacker, Moore, Spring,
Mr. Fitch & Mrs. Merrill. We had a perfect
day & a fine lunch. Followed north side of
Lake many islands passing many more
Melvin Hallage. Landed and had a
picnic lunch on rocky shore. Traveled
tree 2 ft. through the forest. Reached
Concord side at 11.45 & took car for
Saw fine woods Bald Eagle. No water
ford. Captain says some fish were
taken, Gopher & V. Took 4.05 train
from Wolfeboro reaching Boston 8.20
Gilbert met me at station -

Cambridge - Boston - Concord.

Ther "THURS. JUNE 20, 1912 Wea
"Kicker" heard off B. H. Fine

Clear & rather warm. Light W. wind.
A Robin & a Red-eye singing in
the Garden.

After breakfast went around with
Percy. Billings & 5 men laying brick
pavement behind house & museum.
To Boston 10.30 A.M. At office
11-1 and 1.30 - 4.15. Signed,
quarterly disbursement checks, visited
safety vaults to walk over copper stacks
talked with Arthur, Darling, Galloupe.

To 4.51 train to Bedford & arrived
there at 11. Bedford. Crossed river
to Ball's Hill. Walked over & about
hill before supper & a fine P. after a.

Beautiful bird music everywhere -
Robins, Redwings, Swamp Sparrows,
Song sp., Cat bird, Grackles, Jays etc.
A 7 P.M. a "Kicker" began coming by boat
canal across river keeping a - up for 15 min
Two Bellows pumping. Night Her. calling.
Horseshoe Bats & Bull Frogs in full chorus.
2 in the water

Concord.

Ther FRI. JUNE 21, 1912 Wea
- Fine

Clear & seasonably warm with
fresh W. wind. Slight showers in late P.M.

Early morning at Ball's Hill very
beautiful. Birds singing as freely as
in May, - a delightful chorus of them
with Red-wings taking an chief
part. Heard also Towhees, Song & Swamp
Sparrows, Vireos, Maryland Yellow throats,
Pine, Black thr. Green, & Chestnut sided throats,
Green bird, Red eye, Goldfinch & Yellow thr.
Vireos, Cuckoos of both species, Phoebe
etc. At noon & in P.M. Bellows pumped
& Night Herons quarrelled. The latter are
feeding on minnows left in wooden pools
by falling water. There very few now.
To Farm in forenoon. Lots of birds
there. Spent afternoon at Ball's Hill
watering plants etc. Edward & Mrs.
Burton called at 5 P.M.

Concord

Ther

SAT. JUNE 22, 1912

Wea
Time

Brilliantly clear & just pleasantly warm (or cool) with light easterly to westerly winds. A perfect day.

Spent entire forenoon watering things about the cabin with a hose attached to our pump worked by Pat and Left. I managed the hose. There has been no rain here for over two weeks & again we are suffering from drought. After dinner I did more watering. At 5.30 I started out in an open canoe & paddled down to Birch Id. Near here I saw the river more serene & attractive. Birds singing gloriously. Night Herons frequently in sight flying up river to Great Meadows. Saw a Osprey with 6 or 7 Redwings following above his head. He threatened them with open beak & stretched out his wings. Saw 10 N. Herons & 1 Redwing.

Concord

Ther

SUN. JUNE 23, 1912

Wea
Time

Clear with light, balmy S. W. wind.

Forenoon - Walked around hill after breakfast - wrote letters in cabin. Melvin called & stayed an hour talking.

Birds singing well. Swarms of Dragon Flies. Afternoon. Nap after dinner. At 4 P.M.

Started for Concord in open canoe. It was rather hot. I paddled slowly up against wind & current. Met Sarah & Jack Avery & George Rogers & his family. Birds singing freely. 15 Song Sparrows, only 1 Bobwhite.

Assorted County Cat water black as well as yet Lutescent & fish breeding & a Kingfisher on a willow. Took supper with the

Evenings - Mr. Mrs. & Ellen. Started back at 7.45 & reached cabin 9.05. Half moon shining. 3 Muskies, an Herring of Trouted Trout & one only one Bass. Fine (month counting) about 1000 Bass. Still slightly agitated by the new bass. 1000 Bass. 2 Wood Pewees.

now at 8 P.M. grand chow shell-traps, new traps & 7 owl's traps.

Wonderful

Concord.

Ther

MON. JUNE 24, 1912

Wea

Fine

Clear with light W. wind. Very warm.

Duren came down again & sprayed all day. I was with him most of time. We treated small infested areas lying near Ball's Hill. In late P.M. we went through Rich Field & also sprayed a few trees at the Farm. Most of my words are in better shape than for several years past but conditions along road from school house to Ball's Hill are deplorable mass of oaks being completely stripped. Many corms are now fully grown.

Birds singing delightfully all day at Ball's Hill & on Lake Hill at Farm. Splendid chorus of both veined Blue Finches at Ball's Hill.

Concord.

Ther

TUES. JUNE 25, 1912

Wea

Fair

Forenoon sunny but hazy. Afternoon cloudy with light showers - not enough to make them lay down. Very warm all day.

Elbert & I moved to the Farm at 8 A.M. I hated to leave Ball's Hill for it is most beautiful there now. The Farm is also very attractive. Spent forenoon working in flower garden & talking with James. It was hot & sultry with few birds singing. Vegetation suffering from lack of rain.

At 1.30 P.M. Jim Melvin came in his motor car to take us to Ashby. Mrs. Melvin & Mabel (Bentley) were with him. At Ashby we visited a hill crowded with mountain laurel & ft sage in full bloom. Finest thing I have seen here. Returned via Fitchburg, Danvers & Lawrence. Mabel & Mabel's husband & I went & got back at 6.45

Concord

Ther WED. JUNE 26, 1912 Wea
Fine

Clear & hot with light S.W. wind
changing to N.W. & cooler at evening.

Spent a rather idle & futile
day mostly in house, because of
extreme heat, writing letters &
reading. Walked through berry
patches & a.c. 20 was most
attractive with a profusion of
red roses and white azaleas in
full bloom perfuming the
warm air. A few blueberries
already ripe. Strawberry season
nearly over. Sarah Ames & her
William came down at 5 for a
bird walk. In our orchard we saw
an ad. Crowsfoot Flycatcher & a young
one too. Tailed blue bird flying from
the nesting tree. Went through Bush
field, Bunker's Lane & along road to
adjoining pasture.

Concord

Ther THURS. JUNE 27, 1912 Wea
Fine

Clear & cool with fresh easterly wind
at evening.
Gilbert & I started for B.H. at 8 am
Reaching at 9 I began working flower beds
near cabin where Harry Richardson
arrived alone, on foot. We spent entire
forenoon working weeds together under
most conditions. Visited Davis Hill,
Holden's Hill, Melrose Ridge & woods
on Russell farm. The last seemed an
rather badly infested & well kept off
away road to Burrows from school house.
The whole river front region is but
lightly infested & safe for this year.
Everywhere the work is going on very
fast & the fungus has decimated the
Burr. Trees. Found a common Horned Lark
2/3 grown in wood & described his back
with a white only 2' long. Myriads of
Dragon Flies everywhere & almost all
insects. Saw very few Cuckoo birds.

Concord.

Ther

FRI. JUNE 28, 1912

Wea
Fine.

Clear & hot with fresh S. W. wind.

Spent entire day working with
Jeph & Pat. In the forenoon we
chained a lot of apple trees at base
of house; in afternoon set traps
for grape vines and sprayed grafts
with whale oil soap for Aphididae
which are swarming now on fruit
trees. Very few potatoes or raspberries
this year. In late P. M. I strolled
through Berry Patch. Found a
small land mouse & throwing colony
of flying larvae at work along
margin side close to pond. This
trip should be sprayed with gear.
Two House Wrens singing all day. Saw
one with ♀ on box in Garden. Saturday
saw pair at box front of house.

Concord.

Ther

SAT. JUNE 29, 1912

Wea
Fine

Clear & hot with light S. W. wind.
Cooler at evening with northerly wind.

Gelbar & I closed the farm house at
6 A. M. and moved to Back Hill.
I walked down. It was oppressively hot
in the woods yet birds were singing
freely. I left the two House Wrens on
box at the farm. On Back Hill
when I reached it were singing a
Tanager, Oven bird, Pine Grosbeak, Solitary
Vireo & Red eyed vireo, Scarpod Basher
I stored a Vireo from his nest built in
a tuft of stone crop by roadside within 10 ft.
of my stone corner house. Vireos singing
delightfully across river at evening.
Spent much of day working. In P. M.
used the hose freely above cabin while
Jeph & Pat worked the big sugar pump.
Went in canoe 5-6.30 going up to Doherty
Hill. Back Hill covered with humpback

Concord.

Ther

SUN. JUNE 30, 1912

Wea
Fin

Brilliantly clear & deliciously cool with fresh N. wind: chilly at noon & eve.

Gen. O. Sewall came by morning train. I interviewed him at Mr. Harris'. We walked to farm, then through woods to Davis & Ball's Hill. After dinner we paddled in row boat up river to house where we made a long call. Jack & Sarah looked at a Red-eye's nest within 2 ft. of porch window. It held a young Red-eye & a Cowbird both well fledged. Good bird getting most of food from Red-eye parent. We moved him to box in shed. Got back to camp by 6. Walked over hill & across Benson's pasture. Birds singing well. Mr. S. called a lot of Crows by calling. We had long talk by fire in colonnade after supper.

Concord - Boston - Cambridge.

Ther

MON. JULY 1, 1912

Wea
Fin

Clear & cool with light easterly winds.

Spent forenoon at Ball's Hill, putting things away, paying off Mr. Harris, visiting bird notes in cabin. Red-eyes singing delightfully across river & over meadow something, probably a Bullock, in trees. Juncos, that up & Soling Vireo, Pine W. & Goshawk singing on hill. Above cabin tree, larks & juncos in bloom.

Walking to station with Bureau at 8 A.M. saw 2 1/2 Bobolinks hovering in fullest song over Mr. G. - the meadow. I took 12.33 train for Boston. Spent about 2 hours in one office. Reached home about 4. Found C. & S. R. D. Moran. Got out car at 5.30 bringing by Box J. L. Hunt by Paul the other day. Mrs. Cobb came to tea with us on table pinon. Gordon discussing birds. Helen saying 1 1/2 Bobolinks in garden & a Red-eye in

Cambridge

Ther

TUES. JULY 2, 1912

Wea
Fine

Clear & cool with light N. wind

Spent day in Museum writing letters & preparing for bills. In late P.M. E. & I went to Mr. Harris's garden and were shown over it by Mr. Harris himself who, seeing us looking over the fence came over & invited us in. His June roses are past but the climbing ramblers, pink & red, are making a brave show. Myford Apple tree in the house with berries when we got back.

Perey fed half a bushel of Cherries to-day. They are attracting swarms of Sparrows & a few Grackles but only one or two Robins & no Cedar birds.

I heard a Kingbird & a Song Sparrow. A Goldfinch & a Red eye sang all A.M. Only a few mosquitoes about.

Cambridge

Office rec.
Ther
9.20, 65°

WED. JULY 3, 1912

Wea
Fine

Sunny but hazy. Hot & humid.

Spent day in Museum writing letters. Called on Dr. Carbridge in late P.M. He came running down stairs to greet me! Three young Screech Owls perched in a row on branch of Catalpa by Museum disjunct of Perey this morning. They spent day there in dense shade of big leaves. They were fully grown & feathered. The mother? a gray(?) Owl joined them about 1 P.M. was gone at 3 P.M. & back again at 5 P.M.

I heard the young calling late evening. They flew about garden this eve. in twilight.

4 Swifts circling over Museum at 6.30 P.M.

4 Blue jays flying about all day, at least 2 of them young. White throats particularly abundant in garden. Song Sparrows all evening in front of a bush with their partners.

Off. rec. Boston
Ther

Wea

94°. 67°

Fin

Spent most of day in Museum
writing letters. At 3.45 P.M.

In our Garden the family of
Scrub Owls spent this day on some
branch of catalpa. There were four
young birds present then to-day.

The Blue Jay family (2 young 2nd) 1 was
very noisy & aggressive -

Off. rec. Boston
Ther

FRI. JULY 5, 1912

Wea

91.4°, 68°

91.4°, 68° Birth - day Surferin badly. Fine

Clear & hot with light N. wind.

Another intensely hot day followed, as well as preceded, however, by a comfortable night.

I spent most of day in Museum writing
a few letters and looking over scores of them
that I had written Henry Purdie in last year
& answered back after his death from his sister

About 5 P.M. I was summoned into the house where a surprise party, arranged by C. for my birth-day, awaited me. She had a big birth-day cake & 61 candles. Friends & neighbors poured in until the hall was full. There were the Always, the Deans, the Horans, the Cobb-Fullers, Mr. Downer, Miss Clappin. I took them out to see 4 young Sand Auk in the lilies. Later came

The Melvins with Molly and Harold & her
husband to dine on Cook's provision & stay
until 6 P.M. Pleasant canoe trip. C. had
dinner table connected with other & coming by water.

Altogether it was one of the hottest days I ever spent - thanks to C.

Cambridge - Lancaster.

Off. rec. Boston

Ther

SAT. JULY 6, 1912

Wea

90° 68°

Black Squirrel.

Time

Clear & hot with light S. W. wind

Spent most of day in Museum working letters. Uncomfortably hot there. The mother Sam Owl again in Calatopa but all four young grouped most effectively on the edge of old Fern apple tree at edge of jungle where they were born. I visited Parker shop in Harvard Sq. going there on No. Camb. to take 4.07 train for Mass. Central. Ther. 98° in station.

Clear drifting hot & very dusty with clouds of cinders coming in through open doors & windows.

John Hayer met me at Lancaster & drove me to his home near the Parker's road. Just before we arrived he called me over to see something on lawn 200 yds. before house. It seemed to be a small animal as long as a Gray one but wholly black. It was 44 g. shot from a bird blind down slope. The nearer we got the blacker it became. Looked like a cat. There could be no longer doubt that it was as black as a crow all over. It ran up an elm & I shot at a when it fell to ground & landed up under big doghouse. I checked this, first starting to shoot at it & then the squirrel.

Lancaster

Off. rec. Boston

Ther

SUN. JULY 7, 1912

Wea

98° 70°

Killdeer Plover.

Time

Clear & hot with light S. W. wind.

I came to Lancaster this time for express purpose of seeing & buying Killdeer Plover which have been haunting muddy shores John Hayer's duck pond past ten days. He shot a pair of them but saw 4 together afterwards so there must have been 6 in all, all apparently adults. He saw 3 there yesterday morning but we could find none today although we visited pond about noon & again at 6 P.M., walking all around the shores. Most of forenoon was spent in Museum to which we drove. Hayer showed me four native nests & sets of eggs Dend. Ceryle taken by him & Mr. Parker in Lancaster (1911 & 1912.) That afternoon in P.M. We got up going to the Parker's & to Miss Holmes & sat in parlor.

House Wrens with brood of young near house. 9 Robins on lawn. - I will change Robin voices early next morning. I have heard this year. Spent most of afternoon. Cool breeze then.

Lancaster - Cambridge.

Off. rec. Boston
 Ther
 94°.4°, 72°

MON. JULY 8, 1912

Wea
 Fine

Clear hot & humid with light W. wind.
 Heavy thunder with a sprinkle of rain
 scarce enough to lay dust, at 3.30 P.M.

Left house at 8. John Thayer drove
 with me to station. Herbert Parker
 in train. We talked while way to No.
 Cambridge when I got off. Reached home
 about 9.20. Found C. in Museum at
 work with her type writer. I began
 my Umbagog task again at once &
 wrote a page of M.S. on Wood Duck
 Townsend called at 5 to look at Plumage
 Stacks for Lumber & Colchester next Thursday.

Scrub Owl family in Catalpa when I
 arrived this morning. 2 young nesting in
 nest. 1 young flew up from edge of nest
 in blazing sunlight 2 P.M. After breakfast
 to Catalpa followed by Grouse & Sparrows.
 C. read "Marston's" to me this eve. Walter
 & Harold called 8.30 P.M.

Cambridge

Off. Rec. Boston
 Ther
 99° 78°

TUES. JULY 9, 1912

Wea
 Fine

Sunny but heavy. Light W. wind.
 Suffocating heat seeming to be endured
 from 2 to 4 P.M., slightly more tolerable
 after night fall, at least out of doors.
 Despite it C. worked in Museum though
 forenoon. I had only two pp. for her
 and after they were copied added but
 little more although I tried to. After
 dinner my study was like a Turkish
 bath room & I could only write a
 few letters there. The Owl family
 was in the Catalpa at breakfast time
 but before 10 A.M. all the young
 had retired to the shrub in jungle.
 Percy saw 5 ad. ♂♂ Goldfinches in vegetable
 garden. One singing delightfully at long
 Red-eye singing furiously. C. & I called
 on Mary & George Deane at 7.45. Found
 them on piazza. Mary has aged greatly
 since her illness began. Her hair mostly
 white now.

Cambridge.

66 Off. rec. ^{Ther}

Ther

WED. JULY 10, 1912

Wea

97° 76°

Fine

Sunny but hazy. Light S. W. wind. Thunder without rain at 3 P. M. Continued stifling heat about the worst I have ever known & very hard to bear. This day & evening about the worst thus far.

Spent most of day in Museum working on Wood Duck article & making little or no progress. Dr. Roumanian of Boston & Mr. & Mrs. Waller of Concord Rf. dined with us on full piazza.

5 ♂♂ Goldfinches in fullest plumage flying about our Garden & jungle singing like mad much as they did two years ago.

Song Sparrow family in catapots through day, in evening twilight scattered about Garden flitting to & from among trees like so many ghost birds. The place seemed full of them. Everywhere I went I saw one or two. This about 7:45 - C. read "Moose" to me this evening.

Cambridge.

Ther

THURS. JULY 11, 1912

Wea

91°

Heavy rains at last.

Mixed

Morning sunny & as hot as usual up to about 11 when a heavy Thunder shower began. It was followed by another at 1 & by a third about 3.30 after which it rained continuously until dark. Altogether we have had a tremendous downpour & perhaps enough for awhile. The Temperature has fallen considerably and for the first time since July 2 our house is fairly comfortable to-night.

C. walked through forenoon and I all day, in Museum. I did a little better than yesterday, achieving 2 pp. of M. S. on Auf. Old Scratch Owl in catapots, 4 young in grape arbor, up to 10 a. m. Failed to keep track of them later. Two Dragonflies with white bellied wings about pond all day. Garden Larks (as last time) trailing their country this morning (8.10). Never before have I known them sing so late in year. C. read "Moose" to me this morning. It is the best thing I know of about.

Cambridge

Ther

FRI. JULY 12, 1912

Wea

74° max

Fair

Forenoon cloudy; afternoon sunny.
Very cool with light N. wind.

Spent day in Museum working on
Wood Duck article & making poor progress.
C. type writing all forenoon chiefly on
the copy of her 1909 journal.

Through forenoon the mother Screech Owl
was in the Catalpa, then 9 her young were
in grape arbor. At 3 P.M. all four birds
had disappeared & I looked for them in vain.

Red Eye & Goldfinches singing nearly
all day. Two Garden Larks trilling
ceaselessly from 8 to 10 P.M. & doubtless
all night. Near here I know Larks
sing louder or more freely in April. What
can it mean? 3 Swifts at evening.

C. & I called on Dr. Goodidge at 8 P.M. &
on Margie & Walter later.

Cambridge - Concord.

Ther

SAT. JULY 13, 1912

Wea

Fine

Clear & cool with fresh W. wind.

Cambridge: Robin, Red-eye & 2 or 3
Goldfinches singing, Kingbird calling,
Jay screaming, 3 Swifts circling & twittering.
3 young Screech Owls in birch over arbor,
their mother in Catalpa, still showing.
No other birds, except Sparrows, in Garden.
Two fresh water lilies in pond.

Worked all forenoon, & up to 4 P.M., on
Wood Duck article. At 4.30 I started
for Arlington in Concord. Got in Kitch
who arrived this morn. went with me
for interest. I took 5.05 train for
Bedford & took car there to W. Bed.

Walking down R.R. heard singing a Song
Sparrow, Meadow Lark, Bobolink, Redwing
& Pheasant. Bobolinks in full song & throng
walked about Ball's Hill & by Penn Park
before supper. Yellow bell Cuckoo, &
Phoebe & Red-eye @. Many other birds.

Concord

Ther

SUN. JULY 14, 1912

Wea

The Kicker again. Fair

Forenoon cloudy, with light rain.
Afternoon sunny. Warm with fresh S.W. wind.

Spent most of A.M. in cabin
writing letters. Kicker in full cry
near boat canal at 8.30 & again
at 11.30. Two Lizard whistling
near Roubi's camp. Various song
delightfully. Several Cuckoos.

Paoldeh up river at noon. Head
ba. Rain in lagoon. Pukerul went

white water lilies at very best.
lilies very numerous & of largest size.
Edges of river perfect flower garden.

Walked to farm after dinner.
Dear flies very bad! Fly very much
flying & carrying annoyingly but

not at all thin. Bright Birds singing
well. 2 ♂♂ House Wrens, & feeding
young in barn over garden. 3 Redeye

Birds, a Green Finch, many Redeye.
Enormous crop of large Blackberries
in our pasture, many dead with

Back to cabin 6, 7. Henry Richardson
& S. A. T. of the came to brother & hand (over)

Cambridge.

Ther

MON. JULY 15, 1912

Wea

Fine

Sunny but hazy & at times cloudy.
Warm & humid with S.W. wind.

Returned to Cambridge by 8.10
train. Talked with Jack Ames
most of way. Got to Kitter at one
hour when I reached it. She left
for Lancaster before noon. I

worked all day on Head Drive.
making fair progress with

the C. type. Working in our
forenoon. We called on Dr. Coolidge

after supper, spending half an hour
there. He is wonderfully bright &

entertaining. Aspects his 94 years.

Mrs. Coolidge faith & feeling. In fact.

4 juv. Screech Owl in arbor in A.M. &

3 in P.M. Neither nest to be found.

Robin & Goldfinch singing, Kingbird
& Blue jays calling, Swamp Sparrow.

Cambridge.

TUES. JULY 16, 1912

Ther
71°
Wea
7 in

Sunny, hot, humid. Slight
thunder with distant thunder at 2 P.M.

Mother Owl in Catalpa all day.

Looked for young in vain in forenoon.

at 2 P.M. nearly stepped on one sitting
on ground in middle of garden path in

full bloom of sun. It snapped at me & then flew into grape arbor. Two

minutes before this when Percy & I came
up the walk it was not there. A few

minutes later he found the other than
young in cherry tree behind Museum, a

new rook for them. Probably the first
bird had descended from a folk

Ther 71°
Wea 7 in
Sunny, hot, humid. Slight
thunder with distant thunder at 2 P.M.

Spent day in Museum working on
Wood Duck series. C. type working in dark.
We called on the Howes after supper
& found all three carrying their flowers

Cambridge

WED. JULY 17, 1912

Ther
70°, 67°
Wea
7 in

Clear & cool with light E. wind.

Mother Owl in Catalpa all day.

4 young seen in grape arbor by
Percy at 8 A.M. They were not there

after 1 P.M. when I looked for them
there & elsewhere in arbor. In evening I

saw one flying about. A Robin,
Red-eye & Goldfinch singing, a

Jay screaming, Sapsucker twittering.
One flower garden is now about

in full bloom. In East wood Juniper, magnolia, Shrub
hollies & holly hedges in full bloom

Spent most of day in Museum
working on Wood Duck series.

Prepared Shrewsbury on Museum & com.
at 5 P.M. C. & J. stayed in Vienna.

for Bracklin to do Chant day but he
had been taken to New York.

Now Halton called at 8 P.M.

Cambridge

Ther THURS. JULY 18, 1912 Wea
Rainy.

Cloudy, warm & humid. Heavy rain in afternoon and again after dark, & later still almost a deluge.

Only a Red-eye singing in Garden. One young Screech Owl all day in Catalpa, red parent with other three in very top of cherry tree - a new arrangement. Geo. C. Dean tells me he has this lately seen two or three young at corner Sparks & Bowen Streets, flying out & back over street as if after flying insects. This in evening twilight. He also says a pair of Kingbirds have haunted his family place this June.

Spent day in Museum working on Wood Duck sketch & writing only a single news page of the S. C. Typing in A.M. We called on George & Mary Dean this evening, they in half an hour.

Cambridge.

Ther FRI. JULY 19, 1912 Wea
Fine

Brilliantly clear & deliciously cool with strong N.W. wind.

A Red-eye & Goldfinch singing & a Flicker calling, in Garden. Crow Blackbird on lawn. Old Screech Owl in Catalpa, 4 young in top of cherry tree when there were yesterday. Kingbird & Swift heard. No signs of any arriving migrants as yet.

Spent day in Museum working on Wood Duck sketch writing almost 2 pp. C. worked in forenoon. She has very interesting news about Minnie who is in Liverpool & under some restrictions Dr. Goldthwaite came in P.M. to advise with her about it. I had a call after supper from a Prof. Hayes of Cornell College, Mt. Vernon, Iowa, interested in birds, a cousin for the Audubon & apparently a fair fellow.

Cambridge. Concord.

Ther SAT. JULY 20, 1912 Wea
Charles River Marshes. Fine.

Clear & cool with fresh S.W. wind.
Grosbeak singing a little at sunrise.
Old Scrub Owl in top of cherry tree.
Four young in arbor at 7 A.M., after
9 A.M. high in birch over it.

Visited Charles River Marshes this forenoon
(9.30-11.30) with Walter Deane. They
are in interesting state of transition.
between salt & fresh as the old flow is
concealed. We found a surprising number
of variety of birds among them. 4
Swamp Sparrows, 2 or 3 Meadow Larks
& 7 others, 6 Red wings (1/2 & 1/2), 30+
Crows, 1 Blackbird (4 Kingbirds, 12+ Starlings,
1 Thrasher, (5) 3 Meadow Hawks.
There were 11 Black Ducks in company
flats swimming in the river. Heard
a thousand crows there were (oldidge
peeping (1 list as population as of year).
At least 3 or 4 Song Sparrows in full song
along edge of marsh. His children swimming
with meadow larks (as you see in town
many small fish at their mouths &
big ones rising in the river. Dragon flies
everywhere. By swamps (several species)

Took 2.08 train for No. Cambridge for
W. B. Deane. Walking down railroad saw
(4 Kingbirds & heard Red wings singing.
30+ Blackbirds circling one meadow by
four hawks. Crossed to Ball's Hill,
visited flower beds & looked down river
almost to Cambridge Bridge. Button Buttons
in full bloom, peaches just set.
Back to camp by 6. Walked to Pine Park
& Boston Meadows. No birds singing
except Song & Swamp Sparrows & Red wings.
Blue jays, Titmice, hairy woodpecker, after dark

Concord.

Ther SUN. JULY 21, 1912 Wea
Stormy

Raining all day very heavily in
P.M. washing roads & flooding hollows
in fields. Wind S.W. to S.E. Cool.

Spent forenoon at Ball's Hill.
Strolled about a little under umbrella
& wrote letters in cabin. A ♂ Sharp-shin
& a brown Marsh Hawk flew across
river meadows, both pursued by Red wing.
Only birds singing Red-wings, Song Sparrows,
Swamp Sparrows & Red-eyes. Tracks
of doe & small fauna in Pine Park.

Walked to Farm and retiring at 6.30.
Despite terrific downpour, after Glen
many thunder storms, I kept out some
morning P.M. Saw almost no birds
save a ♂ Towhee (full red head), Kingbirds,
& Crows. Robin on nest. Tracks of Coy track
in orchard. Gypsy hawks, carrying by
themselves in Bush Field, Song Sparrows.
He has taken a form of Tanager.

Marsh New in 1912

Concord - Cambridge.

Ther
78° 56°

MON. JULY 22, 1912

Wea
Fine

Clear & cool with fresh N. W. wind.

Very little singing in early morning
near cabin. Heard only a Red wing
or two, a Song Sparrow & a Swamp Sp.
Green Heron flew past calling.

Wonderful show of water lilies.

Returned to Cambridge by 8.13
train and spent day in Museum
working on Wood Duck which
was previously finished. C.

worked through forenoon.

Living got back from Peterboro on
Saturday. She looks older than ever.
Walter called at 5.30 P. M.

Staying an hour. C. & I called
on Dr. Carlidge at 8 staying half
an hour. Picked up Harry Spelman
on way back & brought him in.
He stayed until 9.30.

Cambridge.

Ther

TUES. JULY 23, 1912

Wea
Fine.

Brilliantly clear with high N. W. wind.

Very cool with a frosty tang in the air
at noon & eve. According to a news item
in the Transcript the mercury stood at
22° Fahr. at Caroga Lake, N. Y. at 5 this
morning.

Two Humming birds with white throats
in the Garden at 8 A. M., the first seen
there this year. A Red-eye singing
bravely about sunrise. A Robin on
lawn. Old Screech Owl & 3 going in
top of cherry tree. King bird calling.
Faint chink of jutting Bobolink heard
at 9 A. M. No other birds noted.

Spent day in Museum working on
Woodcock work. Wrote account of Redhead
(prep.) & two pp. on Swamp Duck.

E. R. S. & I went to hear Mr. Copeland

read Sheridan's "Critic" this eve 8-9.30
It was perfect, & worth

Cambridge.

Ther

WED. JULY 24, 1912

Wea

Fine.

Brilliantly clear & deliciously cool with fresh west wind.

One young Owl in top of cherry tree, two young with mother on stump in jungle. Red-eye singing at sunrise in fe. br. Storks. King bird heard later. no other native birds noted except a blue Jay, screaming loudly at intervals thro' forenoon.

Spent day in Museum working on Greater Scorp artist. It went well in forenoon, badly in afternoon, & was finished by supper time. C. & E. R. S. read aloud from "Secret Garden" (a charming story) this evening.

Cambridge.

Ther

THURS. JULY 25, 1912

Wea

Fine

Clear & Cool with light N. wind

Three young Owls in top of cherry tree. Percy found another that I did not see, in the jungle. They leave this day perhaps soon after & soon bring before send now. Red-eye singing at sunrise, Robin at 8 A.M. & towards sunset, both in nearly full voice. A Kingbird calling, one Swift calling higher overhead. These were all the birds I noted except Grackles heard sometimes in the distance.

Spent day in Museum working on Lesser Scorp artist & finishing a (only two h.s. pp.). C. worked all A.M. She & I called on Dr. Conlidge after supper & later she read to me from "The Secret Garden".

Yellow Cam at sunset in air this morning but shot not seen at all last night.

Cambridge.

Ther

FRI. JULY 26, 1912

Wea

Fine

Sunny but hazy. Cool with scarce any wind.

Little or no change in Garden bird life. The same Robin & Red-eye singing. The same Jay screaming, the same Swift whistling overhead to day as yesterday & the day before. As for the Orob the old red one with three young spent forenoon in top of cherry tree. At 7.30 A.M. Percy found the three young in grape arbor. At 6.45 P.M. they were scattered about low down in bush grow apparently watching for prey.

I worked all day in Museum writing an account of Ring-necked Duck & nearly finishing a C. worked all forenoon. Gilbert back this morning. Lois Home came at 6.45. We showed her the Orob. She had supper with us on piazza & stayed until 8.45.

Cambridge - Concord.

Ther

SAT. JULY 27, 1912

Wea

Fine.

Clear & cool with fresh N.W. wind.

Four young Screech Owls close together in tree in jungle (a new station) at 8 A.M. Mother not found. Young now show well-developed "ears". One bird looks strongly reddish, the others grey. Red-eye singing, Blue Jay screaming.

Gilbert & I took 10.08 train to W. Bedford. Started a Belline at river. Weeded flower beds before dinner. 8 Red Hummers & 2 Hummingbird moths about the flowers. Mr. & Mrs. Woods of Concord landed & lunched on hill. Pat has not been seen since Monday.

I worked most of P.M. with Zeph & Benson trimming trees along road over Pine Ridge. At 6.30 walked to Ball's Meadow & Pine Park. Song & Group Sparrows singing freely. No other bird up song. Vireos calling. (Back 7.15) & West of 11.45

Concord.

Ther . SUN. JULY 28, 1912 Wea
Fine

Clear & warm with fresh W. wind.

Phoebe singing at day break,
3 Song & 2 Swamp Sparrows along
river in forenoon, Red-eye (furlly) 9 a.m.
Indigo Bird, House Wren & Robin
at 1 p.m. 5 P.M., Grass Finch, 6.30.

Spent entire forenoon investigating
mud conditions, both the region.
afternoon similarly on way to &
at Farm. Results noted in back
of this diary. At Farm pulled
3 ft. deep burrows & had with farmer
who has fought fair at Tarrant.
Heavy bonfire lit in &
checked results. Went through
Berry Pasture. Great crop there.

Saw another Cal. Towhee better than which
in this area. He had been
seen 6-7, 10 of 10 in 1000 & 1000.

Concord - Cambridge.

Ther MON. JULY 29, 1912 Wea
Rainy.

Cloudy & sultry with a heavy
show at morning & evening and
drenching rain between times.

Gilbert & I returned to Cambridge
by 8.10 train. Pat awaited us across
the river. He had been drunk since
last Monday & looked it but had
sobbed off & was tearful & penitent
& wanted a few more dollars, which
he did not get. The rain began at
Arlington. It poured when we got
off the car at Spaulds St.

I spent day in Museum beginning
Buffle-headed artist & writing 2 pp.
C. Typing as usual. She finished
reading The Secret Garden this eve.
It's a Charming Story.

Two young Oaks back in Cambridge, a
third in Cherry. The other 2 near the
river seen to-day.

Cambridge

Ther ... TUES. JULY 30, 1912 Wea
Fine

Clear & comfortably cool.

A Red-eye singing rather well in early morning & a Robin in really full & continuous song in late afternoon. Also heard a Flicker shout feebly.

Mother Screech Owl spent day in Cherry & 2 young in grape arbor. Whole family in sight at once about 7.15 P.M. flitting about in birch grove with interesting freedom & alertness. Still no sign of any South-bound migrants since Hummers & Bobolinks on 23rd.

Spent day in Museum working on Buff head story & finishing it. C. copying in forenoon. She lunched at Union Club with May Cunningham.

C. & I went down to hear Copeland this evening. He considers Vandy Fair Hackney's best book & Puck with Dickens's

Cambridge

Ther WED. JULY 31, 1912 Wea
Dull

Chiefly cloudy with ~~thunder~~ showers hovering about & a few drops of rain from one of them.

Red-eye, Robin & Goldfinch singing well. ~~Chick~~ of juncos. Bobolink heard overhead at 1 P.M.

Swope heard towards sunset.

Mother Owl in Cherry, two young on old Porter off the stump. The other two were found. Walter here to see them at 7.15 P.M. but they were apparently all gone elsewhere then although we saw 2 at 6.30.

I spent day in Museum working on Old Square story & nearly finishing it. C. copying all forenoon. E. R. S. returned from Square Lake. Walter & I Supped with us. Harry Spurgeon called &

Cambridge.

Ther THURS. AUG. 1, 1912 Wea
Dull

Cloudy & cool. Very dark in a.m.
Thunder shower middle last night

Bird life increasingly meagre in
Garden. Only a Robin, 2 Blue Jays
& 3 Screech Owls there the day with
a Kingbird & 7 Swifts at sunset.

The Robin was in full song for half
an hour (6.15 - 6.45 P.M.)

Owls. Red juncos in top of cherry right
of walk, 3 young lower down in cherry
by Museum. This this day. At 7 P.M.

I could find only one, a young bird.

Spent day in Museum working
on Umbagog. Wrote account of Ruddy
Duck, 2 m.s. pp. only. C. type of eggs

all forenoon. She & I went to
Garrison Hall this eve. to hear Mr.

Winters read from Peck with the
dull as usual. He has looked back over all

Cambridge.

Ther FRI. AUG. 2, 1912 Wea
Fair.

Partly cloudy, partly sunny,
with back showers in P.M. Cool.

Robin singing at noon & eve, Jay
screaming, 2 Swifts high in air,
3 young Owls in easternmost cherry,
a new place. Gilbert found one of
them in the tool house, perched on a
rattle handle, yesterday afternoon.

The birds just mentioned were only
ones in Garden to-day. Where are migrants?
such as Water Thrush, Ovenbird, Minutella?

Spent day in Museum at Umbagog
task. Wrote account of Snow and
Blue Goose about 3 m.s. pp.

To Square for hair cut 5.15 P.M. Walking
back heard 3 Robins singing well,
one near Dr. Drovers, one in Episcopal
Seminary grounds, the third the one
near Tabernacle. Very warm
Cottrell on Russell & P.M. Snow later & Sooty

Cambridge - Magnolia - Concord

Ther SAT. AUG. 3, 1912 Wea
Fine

Clear & cool with fresh
S. W. wind.

3 young Owls in cherry tree
this morning. Robin singing
Jay screaming.

Went to Boston at 8.45 &
took 9.35 train for Magnolia
where I was met by Miss Allen
and brother Sam (who I had
not seen since we were boys) &
Mrs. John Henshaw. They took
me around town to Miss Allen's
house where I met Miss Dalton
& a Mrs. Bork & John Henshaw.
Sat on piazza & had long talk, with
Sam Allen especially. Delicious dinner
at 1. Returned to Boston by 3.05
train & started for Concord at 4.01
Took train from Bedford on, along
road at Concord. Saw many birds
but saw 7.20 8.10 did not

Concord.

Ther SUN. AUG. 4, 1912 Wea
East of the Jameses. Fine

Sunny but hazy. Cool with light W. wind
it in canoe just after breakfast.

Started at Green Heron. Bobolinks
chirping. A few Song & Swamp Sparrows
singing well. No other birds in song.
No Redwings seen. Several Kingbirds

I spent rest of forenoon in woods
on Hallowell Ridge making traps for
civets. Red shouldered Hawks screaming.
Saw two (one bird & a D. virens).

At 2.30 P.M. went to farm in
Cadillac car with Gilbert & spent
afternoon there. Mr. & Mrs. James
leave in morning. We had friendly party
in kitchen corner & stayed 2 hours.

Flowers & garden a blaze with color.
 chiefly from *Juniperus* & *Platanus*. Saw some
low down in the garden. Saw
many birds near the house. Only bird heard
singing was a Song Sparrow. I walked
back via Birch Field & Pine Hill.
None, Concord on road to P.M.

Concord - Cambridge

Ther

MON. AUG. 5, 1912

Wea

Fin

Clear & cool with light W. wind.

Song & Swamp Sparrows and a Meadow Lark in full song at 7 a.m. within hearing of cabin. Near it in maple by river heard a Miniole singing feebly & saw a ♀ Red Start & 4 Dovebirds together, 2 bathing at once.

Leaving Ball Hill at 7.40 I collected a little bunch of water lilies & then walked to W. Bedford Station where J.C. Melvin met me with his motor car and took me swiftly to Cambridge via Bedford, Lexington, The Willows, Waverley & First Pond.

Spent day in Museum working on Underdog M.S. Tried to write up Canada Goose but did on a M.S. page of poor stuff. Saw old Owl in Cury Inn. No other birds noticed in Garden. C. & E. K.S. read aloud to us in hall this evening.

Cambridge

Ther

TUES. AUG. 6, 1912

Wea

Fin

Sunny but hazy; cool; calm.

Renewed bird life stirring in Garden. Heard there a Robin in full song, a Flicker shouting long & loud, an Oriole calling, a Jay screaming. Saw a Hummer with white throat & a cardinal, several & 7 Swifts careering overhead at sunset. Only 3 Orioles seen, the red adult in one cherry tree, two young in the other next it.

Spent day in Museum working on story of Canada Goose & writing nearly three M.S. pages. C. type writing (chiefly her own journal) through forenoon. Went to say we were bought to College Yard to see Macbeth by the Coburn players. It was very good. Ruth & I came home from Scarborough today.

Cambridge.

Ther

WED. AUG. 7, 1912

Wea

Fine

Sunny but hazy. Warmer but yet comfortably cool.

Robin singing well at morn & eve.
Goldfinch in full song. Yellow Warbler,
Oreole & 2 Red-eyes vociferating about
Scrub Owl in catatops. 2 Jays.
3 young Scrub Owls widely scattered,
2 in different parts of jungle. The third
appeared at noon in blowing sunlight
on cement rim of pond in front of
Museum, belly alone with eyes wide open,
bobbing his head. He seemed about to bathe
but a Robin darted down at him & he
flew up into the catatops.

Spent day in Museum working on
Whistler. Began Whistler story & wrote 3 pp.
Ruthven Deane dined with us at 7.
Spent evening. We had a grand talk.

Cambridge.

Ther

THURS. AUG. 8, 1912

Wea
Fine

Clear & just agreeably warm with
light southerly wind.

A Robin singing well at morn
& eve, a Red-eye singing brilliantly
at sunrise, a screaming Jay & three
members of the Scrub Owl family were
all the birds noted in our garden.
The Owls were scattered one being in
the lilacs, another in jungle, the third
(the old red bird) in top of cherry tree.
I showed them to Ruthven Deane
who called at 4 P.M. & stayed an hour.

Co's type writer checked in big museum
room through forenoon. I worked almost
all day on Whistler story writing no
less than 6 pp. of M.S. but taking most
of the matter from my note books.
Heard first Tree Cuckoo in garden this
eve. - a later date than usual for the first.

Cambridge.

Ther

FRI. AUG. 9, 1912

Wea
Time

Sunny but very hazy. Comfortably warm. Light S. W. wind.

Red-eye singing a little, early morn.
Robin in full song, morn & eve.
Jay screaming, Quail chattering & scolding,
Swifts heard at sunset. Three young
Scrub Oats, one in top of cherry, two
together in spruce in jungle - a new
place for them.

Spent day in Museum working
on Golden-eye story. Wrote only 2
pg. of M.S. C. copying all forenoon.

Called on Dr. Coolidge this
evening staying half an hour. Went
thence to the Deans' where I had
another good talk with Ruthven. As
I sat with him, Walter & George on
the front balcony, it seemed as if
boyhood times had come back.

Cambridge-Concord.

Ther

SAT. AUG. 10, 1912

Wea

Sunny but hazy. Rather warm &
pleasant yet a comfortable day. Wind S. W.

2 ad. ♂♂ Barn swallows in very
brilliant plumage, together in a
cherry tree by museum. I looked for
them twice the fore & 2 days. A
great outcry about young Smith (art),
(the only one we could find to day!)
in top of cherry. A Robin bathing in
pond, a Red-eye scolding & a
goldfinch calling. All this in Garden.

Spent A.M. in Museum writing
letters. Mrs. Lyke of Bridgewater
came by appointment at 2 P.M. bringing
4 or 5. Widgeon & a Hutton's Vulture, all
that in Bridgewater, Mass. She showed
us 4. Pleasant fellow. Showed us
I took 5.01 train to Bedford. Perry
went up called & had dinner
ready for us & a good supper.
A Song Sparrow song was in air.

Concord

Ther

SUN. AUG. 11, 1912

Wea
Mixed.

Heavy rain in forenoon with
distant thunder. Afternoon sunny,
clear & mild with strong S. wind.

Spent most of A.M. in cabin
writing journal notes. Walked
around & over hill after rain
ceased at 11. Good many flycatchers
near cabin. Heard Song Sparrow
sing over. Flies all silent. De-
er gone & few mosquitoes left.

Spent P.M. at farm looking
up & back. Then back to Concord
with one in Putnam's pine cone

4 Indigo & several young, 1 year
Chastnut side, a Blk. thr. Green &
2 Downys. Flower garden at farm
abloom with Phlox & Fuchsia
very numerous.

Concord - Cambridge.

Ther

MON. AUG. 12, 1912

Wea
Fine

Clear warm & humid - a rather
uncomfortable day with light S. wind.

Crossed river at 7.45 getting down
boat. Lined on the way & stopping a
little as the current the boat cannot
go. Took 8.10 train for Arlington & reached
home at 9.20. Spent day in
Museum working on Webster story
& writing 3 pp. mostly completed from
former work. Frank Manning arrived at
6.30 to take supper with C., being & run
on back piazza. He stayed until 9.
Harry Spelman came at 8 & left at 10.

A Robin in full song in garden in
late P.M. & a Goldfinch earlier. 4 Swifts
at sunset. Blue Jay screaming. Grackles heard
3 young Screech Owl on bound paper ball
in front all day. Owl Owl working at 7.20.

Cambridge - Boston

Ther
and

TUES. AUG. 13, 1912

Wea

Fine

Sunny, warm, humid; light S.W. wind.

Robin & Red-eye in nearly full song,
Orcle singing busily, Kingbird chattering,
Flicker calling, in early morning. At
9 A.M. saw 12 Crows Blackbirds &
4 Robins on our lawn. Swifts heard
at sunset. 3 young Owls in flower cannon
bush in jungle all day. Cicadas
frying in lindens. Weather suited work.
Wrote letter until 10.30 & then went
to Boston. At office saw Arthur,
Gallup & Darling. Visited Safety
Vault & took out mortgage certificate
exchanging for new one at Guaranty Title Co.

To Special Meeting Acad. Soc. at Bos. Soc.
2.30. attended by Mrs. Kimball, Mrs. Hall,
Mr. & Mrs. Robinson, Allen, Tolson & I. I
W. went to camp of Packard for tea next
at 2.5 for walk of three days. I should
attended to register & deposit my cards &
Mrs. Kimball. Some fishing & dinner.

Cambridge.

Ther

WED. AUG. 14, 1912

Wea

Mixed

Warm & humid. Partly sunny, largely
cloudy. Heavy thunder shower in A.M.,
light one in P.M.

Robin & Red-eye singing fairly
well about sunrise. Kingbird, Jay,
Orcle, Flicker & Downy Woodpecker
heard later in day. Crows making
a great cawing outcry very near
home not long after day break.
Three young Owls spent day together
in tree space in jungle. The old
one on her former perch in top
of cherry tree.

I devoted myself to my
customary task from 9 A.M. to 7 P.M.
yet produced only two pp. of M.S.
E.R.S. went to Green Hall for tea
the day to see Gary Simmons & family.

Spent 1/2 hour in Althea's Club & got home at 6. High strained & burning sun

Cambridge.

Ther THURS. AUG. 15, 1912 Wea
First Yellow bellied Flycatcher. Mixed.

Forenoon clear & warm but dry.
Afternoon cloudy with light showers.

Before rising this morn. I heard a Robin & Red-eye singing, a Crow cawing, a Kingbird & Flicker calling. At breakfast time saw an Empidonax in lilacs. Just after breakfast found it in a juniper & had a dozen good views of it identifying it as beyond question E. flaviventris. It was very

tame & a bit timid, allowing close approach, yet keeping much among shrubbery & dense foliage flitting & also hopping from branch to branch, sometimes, however, perching on dead branches in full sunlight, never once uttering a note of any kind. Its throat was rather bright yellow, the secondary under parts mainly yellowish. Also in July at same house was a young Vireo flavifrons in full autumn pl. 4 Red-eyes, & a young Oriole. Heard a Downy W. warbler off a Bobolink on wing in distance. 3 adult Goldfinches on sunflowers. 3 young Owls on living birch 8-9 a.m. Only 1 down at 2 P.M.

Worked all day on Webster's Song writing 2 H. C. ratiocinated early this morn. 8 P.M. sent newspaper to me in hall.

Cambridge

Ther FRI. AUG. 16, 1912 Wea
56 (at 8 P.M.) First Water Thrushes. Fine

Clear & very cool with light N. wind.

Yesterday the Garden seemed alive with birds; to day there were almost none. I combed all over it carefully just after breakfast but could find only a Red-eye, (singing) a Goldfinch and 3 Owls (1 perched on stump, another in leaning birch, the red mother in top of cherry). Later a Robin & a Blue Jay appeared. About 6 P.M. I heard Water Thrushes chirping excitedly & presently found two of them mothering one of the young Owls in jungle. I think they must have come into our grounds not long before this. I was surprised to hear them both utter a faint hissing call precisely like that of the Black-bellied & other Dendroica giving this repeatedly while flying from the jungle over the lawn to the beyond. They used only the ordinary sharp loud alarm note when about the Owl. The hiss is repeated near

I spent day in Museum working on Webster's Song & writing 2 H. C. ratiocinated this morn. & sent "Many Cows" this morn. 8 P.M. left us at 3 P.M. to take boat at 5 P.M. for me. Desires to visit the G. L. L.

Cambridge-Concord

Ther SAT. AUG. 17, 1912 Wea
50° at 3 a.m. Fine

Clear, calm, cool.

Summer garden of bird life.

I could find nothing in the

area I saw a Red-eye, a

one Jay and the Screech Owls

- 3 young together in leaf

nest, red old one in very high

cherry.

I walked in garden on

inside story. Checked with me

on some plants. Percy & I

looked 200 ft from fr. No. Camb. to

the road. We found some of the

largest. Snapping turtle I have ever

seen in pool end of canal by

stone boat house. It kept moving its

slowly with back down but head

in water. After looking for it on S. side

I walked to the pond. Heard a

Concord

Ther SUN. AUG. 18, 1912 Wea

Raining all day, heavily at times.
Cool with much N.E. wind.

Spent whole forenoon in

writing letters. Also called at

the house where my son is - also on

of Wednesday and left a message

I looked for Town House after

time via Holden's Hill. Oaks there

nearly all dead. Some that had green

foliage though June & July have

dead since then - mysteriously.

Saw 7th of June. Gory & Gray

well there. Gray Squirrel building

nest in pine house. Flock of Chipping

in orchard. Many in flocks on

Returned via Birch Field & Pine Hill

Observed big Robin near Charles's

& old bird & 2 half grown young near

Concord - Cambridge.

Ther

MON. AUG. 19, 1912

Wea
Fine

Clear & cool with light northerly wind.

Pat paddled me across river at 7.45 a.m. We got some ~~birds~~ on the way. Butcher's calling but no birds singing. I took 8.10 train to Arlington. Left trolley car at Linnæan St. & walked across.

Spent day in Museum. C. finished copying Whistler story & I revised it. Began overbook Baldpate story after dinner & wrote a page of it before 7.

Two young Owls in bent bush. Old red Owl in top of cherry. She was working in jungle at 7 P.M. At 1 two Orioles & five or six Grackles were mobbing her. Heard a Red eye's nasal call. A Robin sang a few bars in late P.M. Then were all the birds I noted. C. read aloud to me this evening.

Cambridge.

Ther

TUES. AUG. 20, 1912

Wea
Mixed.

Forenoon dark & lowering with fine driving rain. Afternoon sunny & rather warm. Evening cool.

Ever Percy could find but one Oriole to-day - a young bird on a high perch in a Catalpa in the jungle - a new perch. Nor was there much of any other bird life. Indeed I remember noting only a Robin & a Jay - besides Sparrows. It seems strange that so few migrants have appeared here this month. Where, for instance, are the Oven-birds & Black & White Cuckoos?

I worked through forenoon on Baldpate story, writing 2 pp. Spent afternoon revising & rearranging Whistler story. It has now 30 pp. Called on Dr. Coolidge this eve. (8.15-8.45) C. read aloud before & after that.

Cambridge.

Ther

WED. AUG. 21, 1912

Wea

7 in

Clear & rather warm with light S.W. wind.

Three Owls, all young ones we thought, were high in the cherry tree all day. They were mottled, early in the forenoon, by numerous vireos & excited birds among which were 2 Blue Jays, a Robin, a young ♀ Scarlet Tanager, 3 young Orioles, many House Sparrows and at least 15 Crows Blackbirds, all these raising their voices in united & well-nigh deafening clamor, which disturbed me not a little as I was writing in the Museum. A Robin & a Red eye sang a little, fitfully & partly, at sunset.

I began White-winged Screech Owl song & worked at it all day but wrote only a single page of M.S. At 5:15 P.M. I went with C. to view Belmont Forbes's new house. C. stumbled off over a curbstone on my back.

Cambridge

Ther

THURS. AUG. 22, 1912

Wea

7 in

Clear, very warm & rather humid with light southerly wind.

Old Owl in cherry tree by back house, one young in another cherry tree. One flying about garden in evening twilight. Red-eye in nearly full song for 1/2 hour soon after sunset. Jays screaming; 2 Robins; Cedar Bird heard. No migrants about.

Spent day in Museum. Finished White-winged Screech Owl (3 M.S. pp.) and began Song Sparrow, writing 1/2.

C. went in town to lunch with Mary Greenough. I went up street at 6 P.M. & had chat with Dr. Corbridge on his door step. C. read from Prometheus after supper.

At 8:30 I went to the Russells & stayed until 11, talking with Joe, Sarah & her husband. Joe very optimistic about Social & political situation.

Heard call of Cedar bird in cherry tree in forenoon.

Cambridge.

Ther

FRI. AUG. 23, 1912

Wea
Mixed.

Mostly sunny but with a light
thunder shower about 1 P.M. Warm.

Old red Owl in cherry by lost house.
2 young in leaning birch. Saw an
Owl fly across Sparks St. at 7 P.M.

Red-eye singing freely about 6 A.M.
Jays; and an Oriole heard in
the jungle. One Robin seen.

Spent day in Museum working
ceaselessly on Surf Scoter story &
functory. A. Also began on Scoter
story & wrote about a page. C.
typed writing my M.S. all forenoon.

At 6.30 I went up Sparks St.
to Mr. Demme's to see Charles who
had just come from Chicago & to
ask them all to come here on Monday.
C. read Transcript etc. This was in hall.

Cambridge.

Ther

SAT. AUG. 24, 1912

Wea
Perfect.

Brilliantly clear & pleasantly cool with
light N.W. wind.

Old red Owl again in cherry by lost house,
2 of her young in birch. As I was looking at
latter, about 8.30 A.M., they were mobbed
by a whole flock of Baltimore Orioles. I
counted 12 of these coming, in quick succession,
into trees above Owls and heard others scolding.
So all there must have been 15 or perhaps 20.

I saw 2 handsome old ♂♂. In the nest were
a Flicker & Red-eye, also. 3 Jays came later.
Saw a Goldfinch & 2 Swifts. Peter saw a
Hummer on day lily. I heard Grackles & a Robin
& Red-eye sang a little about 6 A.M.

Spent day in Museum working on
American Scoter story & writing 2 ff.
A. J. Peter came at 4.30 to see about
cutting down alders along Sparks St. They
are also & flowering but of poor quality.
C. read to him in hall 7.30-9 P.M.

Cambridge.

Ther
90°

SUN. AUG. 25, 1912

Wea
Fine

Clear, hot & humid with strong westerly wind. Warmest day since mid July, I should suppose.

Mother Owl in cherry by tool house; one young in leaning birch. No other seen. Oriole & Jay scolding about young Owl much of day. Robin scolding at sunset. Red-eye singing at 6 a.m. Water Thrush chirping later. Wood Pewee in front of Museum, 9 a.m., perching on telephone wire & on dead branches very actively engaged in flycatching - a silent bird, apparently a young one & very tame & called on.

Went to see Sanders at 9.30 & wrote letters after that until 1. At 1.30 Charles, Wallbridge, Dean & Mrs. & Mrs. Sanders came to dinner with C. & me on back piazza. After dinner we took them through Garden & into Museum where the Deans stayed until 5. After that I wrote more letters. Sarah Russell Nelson & her mother called at 8.30 & stayed an hour.

Cambridge.

Ther

MON. AUG. 26, 1912

Wea
Dull,

Cloudy & very cool with easterly wind.

Old Red Owl again in cherry tree by tool house; one young in leaning birch & one in blue spruce in jungle. Both are fast perfecting their winter plumage which will be gray. Blue jays mobbed them repeatedly with volleys of shrill abuse. Several Crows cawing loudly & a Red-eye singing rather well, in early morn near house. Heard a Downy & a Cedar bird in Garden.

Spent day in Museum working on Butter-bell Coat story & writing 2 H. C. & worked through forenoon.

I made a brief call on Walter D. this morn. Have just heard that Frank Chapman's mother died Aug. 27.

Cambridge.

Ther TUES. AUG. 27, 1912 Wea
7:00

Clear & Cool with fresh N. wind.

3 young Quails together in leaning
bush; mother in cherry by tool house.
Red-eye singing fairly well at
times. One adult Robin seen.
No other birds except a Blue Jay
were noted about one place today.

I spent day in Museum working
on Butter-bird story & writing only 1 p.

C. Tyler wrote 4 H. in A.M.

C. W. Townsend came at 6.20 bringing
a Bubo (very dark), a Black Duck (typical
ad. ♀ tristis) and a pair of Yellow Warblers
all taken in Labrador during the trip
from which he has just returned. He
supped with us on back porch &
stayed until 9.15. C. next to me
from "box of Itanie" after them.

Cambridge.

Ther WED. AUG. 28, 1912 Wea
Migration Wave arrives 7:00

Clear & Cool with light N.W. wind.

In the Garden, just after breakfast, I
found a Canada Nuthatch, a Water Thrush,
a Yellow-bellied Flycatcher, 2 Red-eyes,
a Goldfish & 4 Robins ^(sitting on the ground) also heard the
singing call of Sonia Dendroica but failed
to see the another. The Emp. flaviventris
was uniform light yellow beneath. I saw it
dozens of times in good light & very near as
it flitted about in our back garden keeping
high up in the trees & showing no fear of me.
The Water Thrush was in lilacs mostly.

Red Quail in cherry by tool house, 3 gray jays in
cherry east of above. Saw flock of 49 Crow
Blackbirds in Hutter's Park.

I spent day in Museum working on
Butter-bird story, writing 2 H. C. Townsend
all, A.M. Miss Balch took supper with us
on back porch staying until 9. I called
on Dr. Cook at 8.

Cambridge.

Ther . THURS. AUG. 29, 1912 Wea

Clear & very cool with fresh N. wind.

no south-bound migrants in garden.

At 8 & 9 a.m. I could find nothing
in or near it except 2 or 3 House Sparrows
& the Scrub Owl family of which the
old red bird was in charge, by ~~the~~ ^{the} ~~house~~
1 young in cherry tree of arbor, 2 young in
first oak arbor. Later in day I heard
a Jay, a Cedar bird & a Downy. Also
saw about 50 Crow Blackbirds drifting
in a loose, straggling flock through firs.
There were also 2 Robins at hand.

Heard Warblers: overhauled ca. 8 P.M.

5 fine day in Museum working
on "Bitter Lake" story, writing 3 pp. 20.

must go over again what could be done.

C. & I drove up to Dalby Creek at 6 P.M.
 & dined there on picnic. Met several people
 we knew, Am. Ladies, Bud & his sister Bessie.
 Got home at 8:30 & went to bed.

Cambridge

Ther 42° FRI. AUG. 30, 1912 Wea Fine
My last home day.

Brilliantly clear & beautifully
cool with fresh northerly wind.

In Garden saw a Robin, a
Water Thrush, a Silent Bird-eye, a
Blue Jay, 29. Crows Blackbirds & 2
Young Screech Owls together in cherry to
eastward of arbor. One member of
this Owl family, fresh to the matter,
waited for several minutes at 7 P.M.
Flowers garden as brilliant as ever.
& a delight to us all. Plenty of ripe
Tomatoes now.

Worked on "Butter-bill" story all
forenoon - writing 2 pp: which G. copied.
Wrote letters & packed 2 suit cases in
P. M. to prepare for going away G. married
Harry Spelman at breakfast, here. Call
at dinner. G. & I had supper by ourselves
- the evening with cold & G. left for airport 5:20
She had to stay from 7:30 to 9. Then evidently
very late. Stay at home for some time

Cambridge - Boston - Concord

Ther
1920

SAT. AUG. 31, 1912

Wea
Fair

Sunny & cloudy by turns. Early morning almost frosty. Warm calm.

It was C's birthday. When she & I came down to breakfast on Sat. morn we found a big birthday cake the maids had made with 12 full morn & the date on it. I & C. & little Margaret were in just Swedish peasant costumes & my pedicure. C. & I took our coat walk through Garden & jungle. Then Gilbert, with car to Miss. C. & I in the Cadillac. Hurstons came. Then to Boston. Saw Gullies on again. Gallinule passed her branch all my secreted ab. from Boston Safe H. to Glendale. Brighton Winchester 22. col. eggs at Reads. June 1. S. I. C. to W. B. crossed river & walked to farm. Saw 2 Doves fly over. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000. 1001. 1002. 1003. 1004. 1005. 1006. 1007. 1008. 1009. 1010. 1011. 1012. 1013. 1014. 1015. 1016. 1017. 1018. 1019. 1020. 1021. 1022. 1023. 1024. 1025. 1026. 1027. 1028. 1029. 1030. 1031. 1032. 1033. 1034. 1035. 1036. 1037. 1038. 1039. 1040. 1041. 1042. 1043. 1044. 1045. 1046. 1047. 1048. 1049. 1050. 1051. 1052. 1053. 1054. 1055. 1056. 1057. 1058. 1059. 1060. 1061. 1062. 1063. 1064. 1065. 1066. 1067. 1068. 1069. 1070. 1071. 1072. 1073. 1074. 1075. 1076. 1077. 1078. 1079. 1080. 1081. 1082. 1083. 1084. 1085. 1086. 1087. 1088. 1089. 1090. 1091. 1092. 1093. 1094. 1095. 1096. 1097. 1098. 1099. 1100. 1101. 1102. 1103. 1104. 1105. 1106. 1107. 1108. 1109. 1110. 1111. 1112. 1113. 1114. 1115. 1116. 1117. 1118. 1119. 1120. 1121. 1122. 1123. 1124. 1125. 1126. 1127. 1128. 1129. 1130. 1131. 1132. 1133. 1134. 1135. 1136. 1137. 1138. 1139. 1140. 1141. 1142. 1143. 1144. 1145. 1146. 1147. 1148. 1149. 1150. 1151. 1152. 1153. 1154. 1155. 1156. 1157. 1158. 1159. 1160. 1161. 1162. 1163. 1164. 1165. 1166. 1167. 1168. 1169. 1170. 1171. 1172. 1173. 1174. 1175. 1176. 1177. 1178. 1179. 1180. 1181. 1182. 1183. 1184. 1185. 1186. 1187. 1188. 1189. 1190. 1191. 1192. 1193. 1194. 1195. 1196. 1197. 1198. 1199. 1200. 1201. 1202. 1203. 1204. 1205. 1206. 1207. 1208. 1209. 1210. 1211. 1212. 1213. 1214. 1215. 1216. 1217. 1218. 1219. 1220. 1221. 1222. 1223. 1224. 1225. 1226. 1227. 1228. 1229. 1230. 1231. 1232. 1233. 1234. 1235. 1236. 1237. 1238. 1239. 1240. 1241. 1242. 1243. 1244. 1245. 1246. 1247. 1248. 1249. 1250. 1251. 1252. 1253. 1254. 1255. 1256. 1257. 1258. 1259. 1260. 1261. 1262. 1263. 1264. 1265. 1266. 1267. 1268. 1269. 1270. 1271. 1272. 1273. 1274. 1275. 1276. 1277. 1278. 1279. 1280. 1281. 1282. 1283. 1284. 1285. 1286. 1287. 1288. 1289. 1290. 1291. 1292. 1293. 1294. 1295. 1296. 1297. 1298. 1299. 1300. 1301. 1302. 1303. 1304. 1305. 1306. 1307. 1308. 1309. 1310. 1311. 1312. 1313. 1314. 1315. 1316. 1317. 1318. 1319. 1320. 1321. 1322. 1323. 1324. 1325. 1326. 1327. 1328. 1329. 1330. 1331. 1332. 1333. 1334. 1335. 1336. 1337. 1338. 1339. 1340. 1341. 1342. 1343. 1344. 1345. 1346. 1347. 1348. 1349. 1350. 1351. 1352. 1353. 1354. 1355. 1356. 1357. 1358. 1359. 1360. 1361. 1362. 1363. 1364. 1365. 1366. 1367. 1368. 1369. 1370. 1371. 1372. 1373. 1374. 1375. 1376. 1377. 1378. 1379. 1380. 1381. 1382. 1383. 1384. 1385. 1386. 1387. 1388. 1389. 1390. 1391. 1392. 1393. 1394. 1395. 1396. 1397. 1398. 1399. 1400. 1401. 1402. 1403. 1404. 1405. 1406. 1407. 1408. 1409. 1410. 1411. 1412. 1413. 1414. 1415. 1416. 1417. 1418. 1419. 1420. 1421. 1422. 1423. 1424. 1425. 1426. 1427. 1428. 1429. 1430. 1431. 1432. 1433. 1434. 1435. 1436. 1437. 1438. 1439. 1440. 1441. 1442. 1443. 1444. 1445. 1446. 1447. 1448. 1449. 1450. 1451. 1452. 1453. 1454. 1455. 1456. 1457. 1458. 1459. 1460. 1461. 1462. 1463. 1464. 1465. 1466. 1467. 1468. 1469. 1470. 1471. 1472. 1473. 1474. 1475. 1476. 1477. 1478. 1479. 1480. 1481. 1482. 1483. 1484. 1485. 1486. 1487. 1488. 1489. 1490. 1491. 1492. 1493. 1494. 1495. 1496. 1497. 1498. 1499. 1500. 1501. 1502. 1503. 1504. 1505. 1506. 1507. 1508. 1509. 1510. 1511. 1512. 1513. 1514. 1515. 1516. 1517. 1518. 1519. 1520. 1521. 1522. 1523. 1524. 1525. 1526. 1527. 1528. 1529. 1530. 1531. 1532. 1533. 1534. 1535. 1536. 1537. 1538. 1539. 1540. 1541. 1542. 1543. 1544. 1545. 1546. 1547. 1548. 1549. 1550. 1551. 1552. 1553. 1554. 1555. 1556. 1557. 1558. 1559. 1560. 1561. 1562. 1563. 1564. 1565. 1566. 1567. 1568. 1569. 1570. 1571. 1572. 1573. 1574. 1575. 1576. 1577. 1578. 1579. 1580. 1581. 1582. 1583. 1584. 1585. 1586. 1587. 1588. 1589. 1590. 1591. 1592. 1593. 1594. 1595. 1596. 1597. 1598. 1599. 1600. 1601. 1602. 1603. 1604. 1605. 1606. 1607. 1608. 1609. 1610. 1611. 1612. 1613. 1614. 1615. 1616. 1617. 1618. 1619. 1620. 1621. 1622. 1623. 1624. 1625. 1626. 1627. 1628. 1629. 1630. 1631. 1632. 1633. 1634. 1635. 1636. 1637. 1638. 1639. 1640. 1641. 1642. 1643. 1644. 1645. 1646. 1647. 1648. 1649. 1650. 1651. 1652. 1653. 1654. 1655. 1656. 1657. 1658. 1659. 1660. 1661. 1662. 1663. 1664. 1665. 1666. 1667. 1668. 1669. 1670. 1671. 1672. 1673. 1674. 1675. 1676. 1677. 1678. 1679. 1680. 1681. 1682. 1683. 1684. 1685. 1686. 1687. 1688. 1689. 1690. 1691. 1692. 1693. 1694. 1695. 1696. 1697. 1698. 1699. 1700. 1701. 1702. 1703. 1704. 1705. 1706. 1707. 1708. 1709. 1710. 1711. 1712. 1713. 1714. 1715. 1716. 1717. 1718. 1719. 1720. 1721. 1722. 1723. 1724. 1725. 1726. 1727. 1728. 1729. 1730. 1731. 1732. 1733. 1734. 1735. 1736. 1737. 1738. 1739. 1740. 1741. 1742. 1743. 1744. 1745. 1746. 1747. 1748. 1749. 1750. 1751. 1752. 1753. 1754. 1755. 1756. 1757. 1758. 1759. 1760. 1761. 1762. 1763. 1764. 1765. 1766. 1767. 1768. 1769. 1770. 1771. 1772. 1773. 1774. 1775. 1776. 1777. 1778. 1779. 1780. 1781. 1782. 1783. 1784. 1785. 1786. 1787. 1788. 1789. 1790. 1791. 1792. 1793. 1794. 1795. 1796. 1797. 1798. 1799. 1800. 1801. 1802. 1803. 1804. 1805. 1806. 1807. 1808. 1809. 1810. 1811. 1812. 1813. 1814. 1815. 1816. 1817. 1818. 1819. 1820. 1821. 1822. 1823. 1824. 1825. 1826. 1827. 1828. 1829. 1830. 1831. 1832. 1833. 1834. 1835. 1836. 1837. 1838. 1839. 1840. 1841. 1842. 1843. 1844. 1845. 1846. 1847. 1848. 1849. 1850. 1851. 1852. 1853. 1854. 1855. 1856. 1857. 1858. 1859. 1860. 1861. 1862. 1863. 1864. 1865. 1866. 1867. 1868. 1869. 1870. 1871. 1872. 1873. 1874. 1875. 1876. 1877. 1878. 1879. 1880. 1881. 1882. 1883. 1884. 1885. 1886. 1887. 1888. 1889. 1890. 1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176

Concord

Ther

MON. SEPT. 2, 1912

Wea
Dull

Gray day, cloudy but not dark.
Cool with light easterly wind.

Spent forenoon in farmhouse
writing letters & copying bird notes
into Cambridge Garden book.

Out doors all afternoon working
with Pat at a new flower bed,
taking down bird house, putting
plants etc. Did not go further
than 100 yds from house. Very
few birds about. Heard a Robin,
Red-eye, Cat-bird, Crows &
Jays, and a Cedar bird. 2
Singles hovering over & around
house all day. Only one or
two Tree Toads chirping this eve.
I fear the spraying kills them.
Plenty of ripe English plums now.

Concord

Ther

TUES. SEPT. 3, 1912

Wea
Dull

Cloudy, with light rain in a.m.
Calm, warm & humid.

Spent most of day out. Does
near farm house working with
Pat & Zeph. In forenoon we
worked flower beds and transplanted
things - especially blood root.
In afternoon we cut a number
of locusts & elms close about
house which had become too much
embarrassed in dense foliage.
In late P.M. I walked to
Baker Hill over Haldane Hill with
Pat, returning alone.
Many birds about farm to day.
400 Robins, 160 Jays (4) Barn
Swallows, (3) Orioles etc. 8 Mockers
at Haldane Hill & a few Downy
Woodpeckers Baker Hill.

Saw a Nighthawk one house flying 3 P.M.

Cambridge - Bethel

Ther WED. SEPT. 4, 1912 Wea
Fine

Brilliantly clear & pleasantly cool
with light westerly wind

Left our Cambridge home for
an evening of 2 hrs. & took 9 A.M. train,
E. 2nd, for Bethel, taking a
through passenger car & dining in Union
Station, Portland. Country fresh &
green from abundant recent rains.
Mountain ash trees loaded with
expanding fruit beyond So. Paris.

Many red maples partly, or even
wholly, crimson in low-lying places.
Few birds seen from car.

Met Dr. Gehring on his front lawn.
We covered all over his cultivated
grounds before dinner. His new garden
& chalet very attractive. Spent
evening in lounge talking. I
had a room in Wright College.

Bethel

Ther THURS. SEPT. 5, 1912 Wea
Big noc. mig. wave. Fair

Forenoon sunny; afternoon cloudy;
evening misty & rainy. Calm & warm.

The Wrens & I spent most of
forenoon in woods below home where
the Wrens are making a new trail.
Pileated woodpecker cocking them.
Also heard him in early morning.
Saw a Redstart (♀, 2 ♂). Saw also
a Maryland Yellow-Throat & 2 Red-eyed.

In afternoon inspected new hotel
(founded in Oct not occupied) & took
ride in the Wrens' motor car with Dr.
& Mrs. Gehring to a mill pond beyond
Albany where we found lots of
cuckoo sparrows (Dr. says a better full).
Saw 3 Robins & flock of Chipping.
Talked in lounge until 8.30 P.M. &
then called on the Wrens. Big flight
of Wrens & Wrens you don't. There was
calling incessantly on road 8.11 P.M.
Found a Wren in car.

Bethel - Boston.

Ther

FRI. SEPT. 6, 1912

Wea

Fine.

Sunny, calm, warm. Foggy in early morning.

Left Bethel at 9 a.m. & reached Boston at 3.30 P.M. Saw almost no birds by the way. Went to Parker House for night. All the women had just given me one or two. This did not trouble me for I dined with C. & E. R.S. at the Mayflower Club & spent evening there. Returning at 9.45 I strolled up & down Tremont St. for half an hour smelling my pipe & watching the people pass & repose.

Boston - South Yarmouth

Ther

SAT. SEPT. 7, 1912

Wea

Fine

Clear & warm with light S.W. wind.

To Athletic Club for breakfast at 7.30. Then to Mayflower Club where I had a good talk with C. We started out together at 10, visiting Herring & Jordan & Marsh, finally separating at 3.3 Devonshire St. After going to Mr. Lowndes' office, I to our office. Lunched at Beach C. Grapes & took 1.25 train for the Cape. Alighting at So. Yarmouth I was met by Alice Stone & Bessie Kewston in their "Peck's" motor car. The golf course was packed up with Stone, Mr. Kewston & Peg. William & took them with us home. Saw 3 Kingbirds. Rose nuthatches at W. Barnstable marshes. Big wherry boat in first cove. The Titchinghams

South Yarmouth

Ther

SUN. SEPT. 8, 1912

Wea
Fine

Clear and calm. Warm in sun, cool in shade. Glorious day
With Will & Alice Stone & the Knowltons
I took & enjoyed an automobile ride this
forenoon to & along the north shore of
the Cape in the neighborhood of Brewster.
From a headland we looked down
on a glassy, windless sea over which
numerous Terns & Hairy Gulls were
flying and on the sandy margin of which
immediately below us a dozen or more
Sandlings & a single Stannette were
running about & basking in shallow pools.

In afternoon we read, talked &
strolled about near the harbor. At 5.30
we all went to Mrs. Stone's to join
in the singing of familiar hymns. About
50 people there. Before we left with
the Stannettes, Stannette Stannette
& I discussed subjects on the birds below

South Yarmouth

Ther

MON. SEPT. 9, 1912

Wea
Fine

Clear with light easterly wind.
Rather warm but very delightful weather.
Spent forenoon at the golf links
with Will Stone & the Knowltons.
They playing & I walking with them.
Also sat on a bench & watched the
charming flights of mating yellow Redpolls
very few birds seen among them 2 Vesper
sparrows & some Cedar birds.

Mrs. Stone, Will, the Knowltons & I
walked to Spoon Pond in late P.M.
finding it as attractive as ever.
There were 4 Speckled Sandpipers &
a Solitary Angelica on its shores &
2 Kingfishers flying about.
I dug a lot of Golden Aster plants
to take to Concord. Spent evening
in garden talking over the stones
& Knowltons.

Clear & warm with little or no wind.
Left South Yarmouth by 9.51
train. The Kewstons & Stans took
me to station in their motor car.
Hot ride to Boston. Percy met
me at station & took my suit case
to Cambridge. I called at one
office & lunched at Bureau O'Grady's.
Took 1.51 train for W. Bed.
Charlie Deane met me at North
Station. Giltner followed us
across river. We saw him about
midnight & was very dark &
had a good long talk in cabin
after supper, mostly about our
shooting experiences. Charlie is
a delightful raconteur & I
enjoyed his stories greatly.

South Yarmouth, Boston, Concord.

Ther TUES. SEPT. 10, 1912 Wea
7° fine

Clear & warm with little or no wind.
Left South Yarmouth by 9.51
train. The Kewstons & Stans took
me to station in their motor car.
Hot ride to Boston. Percy met
me at station & took my suit case
to Cambridge. I called at one
office & lunched at Bureau O'Grady's.
Took 1.51 train for W. Bed.
Charlie Deane met me at North
Station. Giltner followed us
across river. We saw him about
midnight & was very dark &
had a good long talk in cabin
after supper, mostly about our
shooting experiences. Charlie is
a delightful raconteur & I
enjoyed his stories greatly.

Concord

Ther WED. SEPT. 11, 1912 Wea
90° fine

Clear & oppressively warm with,
however, a fresh west wind. Sky
clouded over by 3 P.M. & a light
thunder shower fell 3.30. S /
Leaving the Cabin soon after breakfast
Charlie Deane & I walked to the
Farm where we found Jim Melvin.
accompanying us with his motor car.
After talking for an hour we went
to Concord to show Charlie the
"Minnis Man" & "Melvin Memorial"
slaves. Got back at 11.30. After
dinner I took Charlie over the
Farm. It was surprisingly hot
especially in the woods. He left
me at 3.30 to drive a bus back
for 4.12 train. I hurried back to
cabin reaching it somewhat wet
but before the onset of an shower.

Concord.

Ther THURS. SEPT. 12, 1912 Wea
Fine

Clear & cool with light N. wind.

Spent day at farm, walking
up at 8 a.m. & back at 4 P.M.

Peter & 3 men began work
there yesterday on the apple orchard
pruning the trees severely & stopping
all bushes with cement. I was
with them much of the day. After
getting back to Ball's Hill I
planted the golden asters I
got at South Galloway in Kentucky.
Birds seem very scarce. The
only northern migrants noted were
a Black-poll with 4 Chickadees
a Red start & a D. virens & a
Canada Thrasher. Saw 4 Robins
on Pine Hill & 1 at farm. A
Kingfisher & a Bluejay also seen.

Concord.

18 Ther FRI. SEPT. 13, 1912 Wea
Heavy mig. of Warblers Glorious

Brilliantly clear & just pleasantly
warm with little or no wind.

Spent most of day at farm,
during the day. Walked up at 8 a.m.
& back at 4 P.M. Pat & I moved
a lot of Pines & Ives & others in P.M.
replanting most of them in place.
He saw a small doe behind Ball's Hill.

Country flooded with birds mostly
Warblers which kept high in trees &
were very restless. For these reasons I
failed to identify many of these I saw
although getting much better at the attempt.
In a large flock on Pine Ridge I recognized
several Black-polls & D. virens & one

Redstart. An almost sure I saw an
Orange-crowned Warbler with them, but
I feel certain of it as the time. Heard
the first song of a Black-poll in the fall
heard a D. virens chirping & a Junco
calling. Red-throated Hawk seen
hunting at Ball's Hill & also a few

Concord.

Ther

SAT. SEPT. 14, 1912

Wea
Dull.

Cloudy & warm with fresh
S. W. wind.

Spent day at Bass Hill
working with Pa. We
weeded flower beds, transplanted
golden rods and cleared out
a lot of rubbish from the maple
grove in the meadow east of the
hill.

A dozen or more Martins, all
apparently Black-polls, drifted
back & forth past cabin. Both
there were several Chickadees & a
Canada Nuthatch. Saw a Water Thrush
& heard a Cowbird, both by
the river. A Red-shouldered Hawk
in full in Helder meadow. A
Kingfisher flying past cabin.

Concord.

Ther

SUN. SEPT. 15, 1912

Wea
Dull.

Cloudy; oppressively warm & humid.
Altogether an uncomfortable & also a
depressing day.

I spent the forenoon working
trees in the cabin. In the afternoon
I paddled up river a little way
and worked to Bassett Meadows
and had a long nap.

The woods & meadows seemed
almost barren of bird life. I saw
a few Chats, a Kingfisher, a Jay
and 15 Canada Nuthatches (mostly in
our Helder Hill). Near the cabin

I noted a Black Poll, a Chickadee
& a Canada Nuthatch. Across the
river I heard a Savannah Sparrow
chirping in the grass. Where are
the Blackbirds? I saw not seen
one in the past few days.

Concord.

Ther

MON. SEPT. 16, 1912

Wea

Time

Early morning cloudy after heavy rain all last night. Most of day sunny & afternoon brilliantly clear. Cool and wind shifting to N. & S. W.

Spent most of day working near Ball's Hill with good old Pat. as usual he was full of his drab Irish humor & sentiment.

We transplanted ferns, opened a canon channel thru bottom garden in pond hole across river & did other odd jobs of little value.

Smith O. Doyle appeared at 3.30

& stayed to supper. We walked

to Pine Ridge where we found a big flock of Robins, mostly

Black-bills. Saw a young Bay Breasted Wren. Saw a Fish Hawk flying south. Many small birds everywhere (22)

in Concord.

Cape May Warbler seen at Town

Ther

TUES. SEPT. 17, 1912

Wea

Great bird day. Heavy m. Superb

Brilliantly clear & pleasantly warm after a chilly fog - obscured night. Light W. wind. Heard Robins & Thrushes abroad last night. Country flooded with migrants from north all day. Rarely have I seen so many before. Black-bills, scattered about everywhere. Fully 50 in one flock at Town.

At Town heard Robins chirping all about town. At 7. heard a Pine Siskin in a full song & a Towhee calling at E. end of back. 2 Red shouldered Hawks & several other birds started for Town at 8 A.M. Birds seen or heard everywhere. Found a big mixed flock in Pulpit Rock woods. Followed it, one after another. It finally drifted to town & settled by fresh orchard. Here I heard a crow & perfect song of a beautiful Cape May Warbler watching her 10 m. She was low down in oak foliage & on cloud branch & darting one after flying over a twin bird in perfect plumage very yellow. Length with saffron yellow rump. He would apple saw 2 House Wren. At 10.50 Black-bills in this flock. Also 3 Canada Goldfinches, 8 Chantrelles, 1 Black-billed Nighthawk. 1 Wood Pewee. Saw what I think was a Golden-crowned Kinglet only a glimmer in the. Birds very restless & mostly high in oak & pine. 2 Sharp-shin Hawks soaring high at 10 A.M. First hawk seen on the wing S., at 3 P.M. Wren & Thrush song & another. Red-shoulders on Thrush & Black-bills. Blue-bills by pond. (2) Blue-bills. Spent day at Town & walked back at

Concord.

Ther WED. SEPT. 18, 1912 Wea
Fair

Forenoon sunny; afternoon cloudy;
warm with strong S.W. wind.

A birdless day. The migrant hosts
here yesterday must have perched on
last night for the woods & thickets
were everywhere silent & deserted
this morning. On my way to Farm
just after breakfast I heard only
one Warbler Chirp & saw only a
few Crows & Jays. At the pond
in Berry Pasture where I walked
through forenoon with Pat I saw
a Solitary Sandpiper & heard a
Brown Thrasher. Four Robins & a
Flicker near house & 3 or 4 Chipping
in the peach orchard. Squirrels
numerous & busy with Acorns & nuts.
Wrote a note to Ball's Hill at 4 P.M.

Concord.

Ther THURS. SEPT. 19, 1912 Wea
Bald Eagle at B. H. Fair

Forenoon sunny; afternoon cloudy.
Intensely hot & humid with fresh S.W. wind.

Very few birds. Saw or heard
about 8 Blackbirds, one or two D. virens
four or five Jays, several Crows, a
Hairy W., a Flicker, a Kingfisher,
2 Robins, a young Bald Eagle in
unusually dark brown pl. (flying
low southward over Ball's Hill) 2
Red-shouldered Hawks (singing &
screaming wildly at 9 a.m.) a
young Song Sparrow singing busily at
dusk, 2 Swamp Sparrows, a Rusty
Blackbird (heard in dis. at evening)

Spent day at Ball's Hill. In A.M.
Jeph, George & Pat chomped and well &
carried mud for building. In P.M.
I paddled up river to Lagoon.

Concord.

Ther FRI. SEPT. 20, 1912. Wea
My Terns chucking at night. Dull.

Cloudy & cool with strong N.E. wind
which brought light rain at evening.

Spent most of day at Bels Hill
with Zeph, Pat & George, who worked
on road through swamp, carting
dirt to raise it higher. Walked
to farm via Davis Hill & Pleasant
in late P.M. Peter & his 3 men
have nearly finished with application.

Very few birds noted & literally none
at farm.

Thrushes & Warblers migrating in
some numbers last night (10-11)

I heard one which was evidently a
Gray-chunk (or Belding's). Just
after I went to bed (11.15) something
began making low chuckings &

murmurs just under my window.
It also rustled lightly among dry leaves.
I have no idea what it could have been
unless a Skunk. I heard it for half an hour.

Concord.

Ther SAT. SEPT. 21, 1912 Wea
Dull.

Cloudy with occasional brief intervals
of sunshine. Very cool with fresh N.E. wind.

Spent day working with Zeph, Pat &
George on the roadway through Benson's
field. We regraded it & put in long
drains to take off storm water.

Jim Melvin came down in P.M.
& then about an hour talking with
me as I stood near the men.

At 5 P.M. I walked to Pine Hill
& spent an hour there mowing
grass for cutting later. Gypsy, which
infestation very bad there.

Birds scarce than ever. Did
not see or hear a single swallow or
of any kind all day. Heard Crows,
2 Red-shouldered Hawks & a Kingfisher
& a Downy. Saw 2 Flickers.

Concord.

Ther SUN. SEPT. 22, 1912 Wea
Big bird wave Fine

Clear & cool with light E. winds

Country again flooded with migrants from the north. Heaviest flights of acrobats thus far. At sunrise there were fully 50 Black-jacks on Davis Hill. At 9 a.m. I found them all the way to Davis Hill. Saw at least 100 in all. With them were many

2 vireos (one ad ♂) and a single Minstrel. There was 2 Pin. Towhees singing as steadily & well as in May. A single D. carolinensis ♂ in full song very common, edge of Swamp. A Thrush that looked like a Veery. 17 Blackbirds

Walked to Davis & Pin Hills (2/11/12)

To farm at 3 P.M. Met Jim M. there. He took me to Concord to call on the Rottmans. Saw 3 flocks of Blackbirds, & about 20 Jays along road. Only 1 Robin

Concord.

Ther MON. SEPT. 23, 1912 Wea
Fine

Clear, calm, warm. Cool last night. Early morning densely foggy.

At sunrise heard Blackjacks flying over. A few Black-jacks chirping. At 8 a.m. saw Sharp-shin Hawk fly past.

Crossed river at 8.15 & met Jim Melvin by appointment on R.R. bridge, 8.30. He & Mrs. M. took me to Cambridge in their motor car. 5 Black Ducks in Fresh Pond. In our Garden found 5 Robins, 5 Black-jacks, a White Thrush, a Jay & a very light red Summer Owl in lilacs with Towhees nesting in it.

Met Mrs. Brewer in her house & discussed renovations. Mr. Harris agreed to lay 4 oak floors for \$140. Gilbert to do painting for about \$40. Went in town at 12.15. Stopped around / then saw Arthur & Dolly & George. Took 1.55 train for W. Bedford. Walked on woods on Pine Ridge until dark

Concord.

Ther

TUES. SEPT. 24, 1912

Wea
Fair

Partly sunny, partly cloudy. Cool
with light easterly wind.

A few Black-bills, a Brown
Creeper, a flock of Chickadees, a
Tame Hermit Thrush accompanied by
a Gray Thrush which I failed to
identify, a Downy, a Rusty Blackbird
& two or three Jays, a Robin, Crows,
a ♀ Marsh Hawk & two Red shouldered
Hawks (screaming loudly & chasing
vicariously) were about all the birds
I saw or heard.

Spent most of day at rear
of Ball's Hill working on the
road across Swamp with Pat,
Zeph & George. In forenoon
Gilbert took me to Farm & back
in Cadillac car. Peter & 2 men
working on apple trees in the big place.

Concord.

Ther

WED. SEPT. 25, 1912

Wea
Fine

Brilliantly clear. Light E. wind. Morn
& eve cool, Warm through day.

Saw no migrants save 8 or 10 Blackbills
Bluebirds calling on Ball's Hill in early
morn. At Farm saw a Cat bird, a ♀
Indigo Bunting & a Song Sparrow in front
of house, 5 or 6 Chipping in orchard.
Heard a Robin call. Red-shouldered
Hawk screaming on Ball's Hill & another
at Farm. Solitary Vireo in full song
on Pine Hill at 5 P.M. Swamp sp.
Song over at evening. Kingfisher near
cabin. Squirrels numerous & busy. The
boys are not molesting one another this year.
One Bat only on short life.

Spent most of day at Farm pruning
peach & plum orchard. Rode up in motor to
Ball's Hill to Beech Hill at 3 P.M.
Walked on new road on Pine Hill
from 3.45 to 5.45 P.M.

Sassafras & Red Maple along river, turning left.

Another headache in morning.

Concord

Ther THURS. SEPT. 26, 1912 Wea
Glorious

Perfect day, absolutely cloudless, calm, deliciously warm. Cool at night & early morning foggy.

Very few migrants 2 or 3 Blackpolls, a Crow, Canada Thrush & Rusty Blackbird & Tilled (heard) among all I noted. Pine Warbler & Solitary Vireo in full song at 8 a.m. Heard another Solitary (in Birch F.) at 9 a.m.

Just after breakfast went on road of Ball's Hill & spent hour there watching trees for cutting. At 8.30 Gilbert took me to Farm in motor. Spent rest of day there. Worked on road to Birch Field with Gilbert in A.M., with Zeph & Gray in P.M. Partridge drumming all P.M. at foot of run. Pheasant Crowing most of A.M. in front of house. Crows flying in 9 near red Hylas. 1 Bat in shed left. Walked back over Holden Hill after dinner.

Concord

Red maple foliage gorgeous in flow
Ther FRI. SEPT. 27, 1912 Wea
Gloom Heavy heard Dull.

Cloudy with light W. wind. Very cool. at evening when the sun came out just before setting & the sky cleared.

Four or five Blackpolls near cabin. A Tame Olive-backed Thrush spent entire day in thicket at E. end of hill calling freely. A Heron calling in swamp at sunset.

Six or eight Juncos flitting about cabins. Ten Rabbits on ground in Holden meadow at 3.30. As I was at Benson's landing at 6 P.M. heard a Green Heron call many times. Gilbert heard it on shore at cabin. Many fresh deer tracks on & toward hill. Gray, Red & Chipping Sparrows about cabin getting chestnuts. Spent day at east end of hill with Zeph & Gray cutting down trees. After they left me at 4.30 I walked to Pine Hill & Penn Park getting back to cabin at 6.05.

Many red maples
247
many autumn colors
seen
at
all
times
about
cabin

Concord

Ther

SAT. SEPT. 28, 1912

Wea

Glorious

Brilliantly clear with light N. wind.
Comfortably warm though day, cool at
early morning & at evening.

Spent entire day working with
Zeph & George cutting down trees
at Benson's Knoll. We cleared the
greater part of the river bank
here & also took down a good
many infirm or croaking oaks
on the knoll itself. After the
men had gone I rambled
through the woods on Holden's Hill
until after sunset. Saw no less
than 5 Phalaropes. Then flew from
a maple across river, then a hawk & 6
were feeding well out in Benson's field.
At least 30 Robins in his pasture at sunset.
5 more birds & crows. Saw a flock
of 8 juncos, 3 Titmice, a few Blackbirds.
Pine Siskins singing on hill at 8 and
Phalaropes calling long & short in
many places. Maple Swamp above.

Concord

Ther

SUN. SEPT. 29, 1912

Wea

7 in buck Deer at farm. Stormy

Raining nearly all day, heavily
at times. Light southerly wind.

Starting just after breakfast I
walked to Davis Hill & Pine Park.
Found a flock of about 20 Thrushes
on Pine Hill, most of them Black throats
the rest D. virens. Heard Golden
Crest Kinglet in Pine Park & Brown
Creeper on Ball's Hill. Saw
juncos flitting about cabins &
Wrens sitting in laburn 11-1 P.M.

Walked to Farm after dinner.
Started 3 Partridges in Back Field.
Telephoned Will Robbins at 4 & asked
him to buy a cow at \$80. or less for me.
Telephoned C. at 5.15 from Club.
Left house at 5.30. As I was walking
over Big Elm a Deer caught my eye.
It was a noble Buck of large size
with fine horns & standing firm & steady
on field across road watching me.

Concord - Cambridge - Boston.

Weasel hunts Rat in Cabin.

Ther MON. SEPT. 30, 1912 Wea

Winter Wren in Garden Super

Killing frost last night.

Cloudless with light N.W. wind

To Cambridge by 8.13 train. Spent

two hours in Museum & Garden.

To Boston at 11.45. Talked with

Arthur about change in Trustee

Compensation. No decision reached.

Signed quarterly annuity & other changes.

Returned to Concord by 1.57 train.

Packed down river to enjoy autumn

coloring - very fine. In place especially

around Holden M. & Belmont Beach Lake.

Saw Fish hawk on Davis Pond &

Grackles off Beach Id. Walked to

Pine Hill & Belmont's country about

lunch. Saw Juncos & White-throats.

At 1.30 on breakfast this morn.

Saw a huge Weasel chasing a Rat

in cabin. He caught & bit it twice

without success, discharging it. See

Journal for full story.

Apparently not many small birds

about Belmont Hill but in our

Cambridge Garden I found lots

of them representing 11 species were.

Robin (3), Olive-backed Thr. (1), Chickadee

Th. (1), Winter Wren (1), Black poll.

(6), House W. (1 juv.), Water Th. (1),

White-thr. Sparrows (5), Juncos (heard)

Goldfinches (2), Blue Jay (1)

Starling & Cedar-wax Gophers left

& in the garden

Concord

Ther TUES. OCT. 1, 1912

Wea
Dull.

Cloudy & cool with fresh W. wind.

Brisk shower in late P.M.

Spent whole day Belmont Ball's Hill
with Zeph & George cutting down
trees on the flat north of swamp near
Chest Grove. These woods are badly
infested with gypsy moths & I am
never forced to take out all the oaks
& birches. Incidentally I am cutting
many pines & even a few Cypresses.
To open vistas & level roads to
make the place easy of access in
spraying time. Very few birds
about. Saw a few Cack Pheasants
run across road at east end of hill.

While in Chest Grove at 4.45 P.M.
heard a Sharp-shin & looking up
saw the bird flying over swamp &
high in air. It was turning at the time.

Concord.

Ther

WED. OCT. 2, 1912

Wea
Fine

Brilliantly clear with strong, cold
north west wind. Hoar frost at sunrise.

Spent day behind Ball's Hill cutting
trees about the larch plantation with
Zeph & George. Pat appeared at 9 A.M.
having used up by his recent drink
& sat him in work rolling paths.

There were a good many small birds
about to-day. Near the cabins I
saw a Phoebe, a Black Throated
Blue Warbler (in flocks on river bank)
a Hermit Thrush, several Juncos
& upwards of 20 White thr. Sparrows.
In the woods where we worked were
Chickadees, a Cowbird, Nuthatch & 2
Golden Crests. Skated a Partridge in
the swamp & another near Birch Lake.
Two juncos with long pointed bills
were found for a day. There

Concord.

Ther

THURS. OCT. 3, 1912

Wea
Fine

Clear & warm with fresh S.W. wind.

Spent day behind Ball's Hill
with Zeph & George who are down
a number of large oaks on the
hillside above larch grove. Pat
also worked there rolling up rubbish
Smith O. Dexter came down
at noon. After dinner we walked
to Davis Hall where we saw
a flock of Towhees. On Pine Hill we
saw with Chickadees several of
which were calling phoebe incessantly.
& White-throats in front of cabin.
Saw only one Black poll. Heard a
A. bewick. 3 Red-shouldered Hawks
seen on western side of Ball's Hill
at 7 A.M. working good clearance.
4ish hawk flying low over hill
at 11 A.M.
Maple foliage wonderful to-day.

Concord

Ther FRI. OCT. 4, 1912 Wea
 Superb autumn coloring - Other heard - Glorious

Clear & oppressively warm. Strong S.W. wind.
 Wonderful autumn foliage. Coloring of
 red maples, limes, beeches & sumacs
 at or near its best. Never have I
 seen it more brilliant & varied here.
 It was most impressive along edge of
 Holden meadow, in Ball's Hill Swamp
 along river front of hill & at Farm.

Spent most of A.M. at Farm. picking
 grapes. Thousands of honey bees about
 them, injuring them severely. At least
 75. These - the sparrows in mill & grape
 vines. Long September in apple tree.

Working with men behind hotel after dinner
 In late P.M. paddled up river to 80 p.m.

Returning drifted down on 2 young Grebes
 & watched them many minutes through glass
 getting within 60 yds.

As we were at supper at 7.30 am Other
 came into boat just front of cabin watching
 a tremendous splashing & uttering various
 low bird-like calls & whistles. I went out
 with electric light but could see nothing.

Concord.

Ther SAT. OCT. 5, 1912 Wea
 Autumn coloring at best. Glorious

A truly wondrous day, calm,
 cloudless, as warm as midsummer.
 Autumn coloring gorgeous everywhere
 & apparently at its very best. The
 painted woods & thickets alive with
 birds & squirrels. Pheasants crowing
 lustily, Wood Thrushes, Crows, Cicadas
 flying. Chickadees chirping in the grove.

I went out in a canoe before
 breakfast. To view the bullheads moles
 along the front of Ball's Hill through
 the open bottomed mud. A Grebe
 floating opposite the canoe. Spent
 most of day on or near hill. Put
 up four hawk traps in meadows
 after dinner. Gilbert took me to
 Berke - I went in river at 5 P.M.

Went to house at Farm. to feast on
 grapes. Held in wonderful company
 of old gold. Pheasants crowing
 & Hens & birds in the grove.

Concord
Foliage & how poor the prime
Ther SUN. OCT. 6, 1912 Wea
Flying Squirrel at B.H. Perfect

Cloudless with light W. wind. Very warm all day, in fact oppressively so.

When before breakfast I took a turn on river in canoe the maple foliage seemed as brilliant as ever but by afternoon it had faded nearly everywhere & the leaves were falling. During my paddle passed 2 young Grackles within gunshot. To Davis Hill with Pat after breakfast. Pine Warblers singing feebly there. On way home passed up trail & passed a flock of about 7 flying Squirrels on path at W. end Ball's Hill my first evidence of an occurrence of this species anywhere on my Concord road something had evidently killed & was the creature last night. Home at 11-1. Started for farm at 2.30 & spent afternoon there. Picked over a basket of Aphelid "wealthy" apples. Started 3 all Phoebe's in full flight off the top in cave. They started up as they hooted & calling loudly. Pondering dreamily at time of return. Travelled with the 4 women

Concord
Ther MON. OCT. 7, 1912 Wea
Foliage show spoiled Fine

Clear & oppressively warm with strong S.W. wind which blew most of the foliage off red maples before night. Their leaves were falling in showers covering the ground beneath them. Very few birds about. Even in the early morning before the wind started, when I was out on river in canoe there seemed to be almost no feathered life stirring either in the woods or in the marshes. Most of the White-throats had left the river front and in the woods I noted nothing except Chickadees, a few Yellow Warblers, 2 Blue Jays & a Black-bird. A Marsh Hawk & a Kingfisher flying over river.

Spent day working with the 3 men on the east road along river front of hill. Gilbert took me to farm in motor car at 8 P.M.

Concord - Cambridge.

Ther

TUES. OCT. 8, 1912

Wea

(5) Dear sun in orchard at 7 am. 7 in

Clear & cool with fresh N.W. wind.
Foliage show over for present along
rivers most of the maples being now
bare.

To Cambridge by 8.10 train

Went directly to Mus. Comp. Tool.

I attempted to write my annual
report there with Outram Bangs's
help but it proved impossible to
finish it so I brought accession
book away with me. Bangs

invited me to dine with him

at Colonial Club. I went thence

to our house after seeing Mr. Boleholder

& arranging with them about A.O.U.

entertainment. Spent 2 hours in

Museum compiling list of my articles
etc. for my report. Left for G. 4.15

Dinner & called on Walter at 5.05
train from Arlington to Bedford.

Robinson, Whitely, etc., home, 4.45

Concord.

Ther

WED. OCT. 9, 1912

Wea

Fog barling at 7.15 P.M. - Fair

Largely sunny partly cloudy. Cool
with fresh northerly wind.

Worked all day with Japh & George
behind Ball's Hill cutting trees in
the maple swamp and about the
Couch plantation. 2 Robins, 2 Herons,
several Chickadees, a Creeper, a Junco,
a Canada Thrush, a Golden-crowned Wren,
a pair of Jays & a Hairy Woodpecker.
Ther. 4 White-throats at Cabin.
Greenish Warbler, Kingfisher, etc.,
2 ad & 5 juv. Marsh Wren on
meadows. Red-shouldered Hawk
screaming in forenoon. Yellow
throat & Winter Yellow-birds in early
morning - At 10.15 at Suffolk
(7.15) a Fox barked several times
across river. I have not heard
one before for several years.

5- Dear (all homeless) seen in orchard at 7 am. 8.11.1, by Japh & George

Concord.

Ther THURS. OCT. 10, 1912 Wea
We move into farmhouse. 7 in

Sunny with light southerly wind.
Very warm at midday, cool at night in
Autumn coloring almost as fine
as ever in woods at Farm but
almost wholly lost in Ball Hill light.

Took Cann down with the
horns this morning to move and
bring to the Farm. It took about
2 hours to get them ready & to
pack among books & canvas. The
river & meadows were exceedingly
beautiful but we had to leave
them. Many birds about. Chickadees
whistling, Jays & Hawks screaming.
Followed back as far as Benson
in our motor car. I walked down
to farm house. Spent most of day
in doors writing my Museum report.
Skipped through Perry Pasture for
Cottonwood Hill.

Concord.

Ther FRI. OCT. 11, 1912 Wea
Stormy

Cloudy & foggy with light N.E.
wind and fine, drizzling rain
that began last evening & continued
through entire day.

The hickory trees behind the
barn are still densely covered
with golden foliage and the
sycamores & poplars along the
roads continue to glow brilliant
red while the high bush blueberries
are as richly colored as ever.

Very few birds about & none
of special interest noted. A
Partridge drumming loudly at
about regular intervals in the
run at foot of Cann.

Spent day working with the
man. He dug up soil on shed for
laying out the ground. He & Pat & I
planted a lot of things.

Concord.

Ther

SAT. OCT. 12, 1912
Heavy Henshaw come Stormy

Wea

Cloudy & foggy with fine
misty rain. Light easterly wind.

To Pine Hill with the men
at 8 a.m. Spent forenoon
burning brush here first (by
Telephone / obtained permission
to do so from Mr. Morel, the
Concord Fire Warden. The
men kept at it all day but
I did not go down in afternoon
as I wanted to see Henshaw.
He got here at
3.45. Gilbert going to station
for him. He found every
thing in place.

Saw or heard many small birds
to-day. Juncos numerous everywhere.
Black Duck flying over Pine Hill.

Concord.

Ther

SUN. OCT. 13, 1912
Fighting fire

Wea

Fine

Sunny & warm with light
westerly winds.

Henry & I went to Bendons
pasture after breakfast. After
practising golf there then another
I decided to have a look at
our brush fire on Pine Hill. As
I approached it I saw a great
cloud of smoke & then a long
line of flames just below the
topping & entering dense firs.
Taking off my coat (a good one)
I used this to smother the flames
& by the most strenuous efforts
got it temporarily suppressed. This
gave me time to call Henry & Gilbert
& help which happened to be at Ball's
Hill with the hose. They hauled
water. Several came shortly & then
Pat. They worked all day. I
went down again at 1.30. The clouds
all day & I was to regret

Concord

Ther

MON. OCT. 14, 1912. Wea
Fine

Clear & rather warm

Henry spent forenoon playing golf at Concord with S. O. Dexter. I spent it picking apples, chiefly Russets, Baldwins & blue pear mains. They were of the largest size & very richly colored. It was a delight to handle & arrange them, selecting the finest to take to Cambridge.

Zeph & Gury picked all day. They got 32 bushels of Baldwins from one tree in the front garden.

Henry & I walked to Ball's Hill after dinner, returning via Holden's Hill where we picked up a lot of fine chestnuts. Saw many white-throats & juncos, 3 or 4 Titmice & 7 Robins. Phoebe's swooning

Concord.

20

Ther

TUES. OCT. 15, 1912 Wea
Fine

Clear & cool with violent, gusty N. W. wind. Leaves falling in showers & blowing across roads & fields.

Spent forenoon with Zeph & Gury at Rachel's place picking Baldwin & Russet apples, some of them very large & fine. Henry went to Benson's pasture to practice golf. After Smith O. Dexter came down at noon & dined with us. With him we walked to Ball's Hill via Birch-Ticket & back via Holden's Hill where we found the ground thickly strewn with chestnuts & filled our pockets with them.

Started a Belton in Henry's meadow. Saw many Juncos & White-throats. Henry & I walked all the evening. C. telephoned that E. R. S. is ill.

Concord.
Oak foliage coloring fast.
Ther WED. OCT. 16, 1912 Wea
First ice. Fine

Brilliantly clear with fresh cool
W. wind. Pat reports boat ditch off
B. H. All morning with thin ice at 7 am

At 7 am we still have our bed
of blooming Junco & another of
Hastings introduced by frost &
our grapes are still unimpaired by it.

Henry went to Bureau's factory
for golf just after breakfast. I
went with him most of way.

Returning spent most of forenoon
sorting & boxing russet apples. The
men were picking all day. Pat with
them. At 12.30 Henry & I

started for Boer's Hill to meet
the Daytones - Mrs. & Miss. & her

children whom I ferried over the
river. They spent an hour walking
up Chestnut on the down hill -
saw a squirrel about near one of the
children. Lots of Juncos & other birds.

Concord.
Ther THURS. OCT. 17, 1912 Wea
⑨ Geese in river off B. H. S. fresh.

Clear & very warm for season with
fresh S. W. wind.

Spent most of day in orchard
sorting & packing apples as the three
men finished & poured them out on the
ground by me. Lots of Juncos about.
3 Canada. Nutcrackers in elm at corner

Henry went to Concord at 9 am. for golf.
At 3 P. M. Gilbert saw 9 Canada Geese
in river opposite Coburn & hurried back
to report to Henry & I started at once
taking 20 f. gun & back shot. When we

reached Cabin Geese were 200 yds below
us finding berries along opposite margin
of river. I pushed out in canoe but

had gun only few rods when flock rose
& flew off southward banking landly.
One big bird mounted straight up 8 or 10 ft
tells black duck on landing water.
Started 4 Partridges & a Pheasant. Saw
a Rabbit in Bush Field & a Grouse in
river near Ponds lot.

Concord

Ther FRI. OCT. 18, 1912 Wea
2 Deer at Farm. Superb

Perfect Indian Summer day, Cloudless,
very warm, with light S. W. wind.

Oak foliage apparently fading after
a short period of no great brilliancy.

As Henry was starting for Danvers
at 8 a.m. he called to me that
he could see 2 Deer at foot of one
Cane. When I got to him they had
disappeared. We found them a month
later in the Run & watched them for
some time. as they stood motionless
looking at us making a pretty
picture. Both were does - a big &
a small one.

Spent a.m. working & packing
apples as the men finished them.
We finished with last tree by noon
Gibson went to Danvers in his car
with apples & grapes for C. & E. R. S.

In P.M. Henry & I walked to
Ball's Hill. I took the gun along
but saw nothing to shoot at.

Sunset calm & serene. The air very
soft & warm & full of flying grubs
& things. Partridge downing in trees
at 2 P.M. Gray Squirrels downing.
Sack of corn from overflood

Concord

Ther SAT. OCT. 19, 1912 Wea
Stormy.

Forenoon deeply cloudy with violent
S. W. wind. Afternoon fairly & unpleasantly
warm & humid especially in late P.M.

Spent forenoon packing apples &
rolling barrels & barrels of them
to send away. Left truck to take
to Concord in P.M. 2 of them
for the Jeffers at Oxford.

Henry went to Concord after
breakfast to play golf. We
stayed in doors after dinner
until 4 P.M. when S. O. Dyer
& his brother drove down. He
walked to Ball's Hill with them
seeing a Bat flying there, very
fine birds visible to day.

The men cut down two elms
behind house planted them by
John & John Barker in 1876.

Concord

Ther SUN. OCT. 20, 1912 Wea
Fine

Clear & rather cool with light N. wind. No universally killing frost as yet. Tinnias, Hostas & pinks still blooming at Farm. We have eaten most of the grapes there.

Henry & I walked to Benson's place soon after breakfast. Dexter Burton joined us there. I went on to B.H. & later to Davis Hill with Left to mark trees for cutting. We found a Fox's earth with fresh tracks & an enormous pile of sand in Putnam's field. I looked 5 Postage. As we were passing this meadow at Farm a real Screech Owl started from leafy apple tree 20 yds in advance of us off into the River. In P.M.

Henry & I went to Lawrence's to see his apples. Saw 2 Hummers in Berry Pos. by pond in which only a little water is now left.

Concord

Ther MON. OCT. 21, 1912 Wea
Fine

Clear & warm with light E. wind. White frost in early morn. Oak foliage about at its most brilliant stage of autumn coloring.

Spent most of day at Farm working with the men. We cut down a number of elms near house & barn. One big one lodged in another & gave us much trouble. I am obliterating the triangular cluster of elms & grape vines between shed & barn. Later the woods will be removed.

At 3.30 P.M. Henry & I started for a walk. We went first to Birch Island & thence to Lawrence's farm woods, steering through his woods & fields of open fields. It was a perfect afternoon, mild & still.

Concord.

Ther TUES. OCT. 22, 1912 Wea
H. W. Henshaw departs. Glorious

Clear & warm. Forenoon dead calm. Light E. wind in P.M.
A rarely beautiful & indeed perfect day. Most of the trees except oaks have shed their leaves & the woods have a wintry look in many places.

Henry Henshaw left me soon after breakfast to go to his sister's. Gilbert took him to Concord & spent most of day there making repairs at Henshaw's on the Cadillac car. I went to Ball's Hill with the three men, returning for lunch. We cut down trees & boxed two water holes in swamp. Jim Melvin passed near there in P.M. & as called for an hour. Saw five Fox Sparrows in Bush Field. Skipped 3 Partridges on Farm & 3 at B.H. Red throats Hawk screaming loudly.

Concord.

Ther WED. OCT. 23, 1912 Wea
2 Deer at Ball's Hill Rainy

Early morn. deeply foggy. Light rain in forenoon, frequent showers in afternoon & a tremendous downpour from 4 to 8 P.M. Very warm. Light E. wind.

Spent day at Ball's Hill. Crossing river at 8:30 we cut down the big scarlet oak by boat house that died two years ago. The stump showed 78 rings of annual growth. Returning river we walked in & near Cuck plantation cutting trees, felling logs etc. Two Deer walked close past Pat while the men were chipping & splitting a lot of wood, but I did not sight them. Saw a Kingfisher on horse path, 4 Robins & a Flicker in hedges there. 2 Hairy Woodpeckers. Skated at least 7 half grown young Phalaropes & Wren another in Ball's field & Song sparrow. 300 Green Blackbirds in Harris field.

Concord.

Ther

THURS. OCT. 24, 1912

Wea
Dull

Cloudy, warm, humid. Early morning foggy. Several showers - one very heavy one in P.M. Sky cleared before sunset. Wind S.W.

Gilbert went to Cambridge for the day, to help clean museum. Left drove him to & from Concord. I worked with 3 men all day in Bury Pasture. We cut many trees, chiefly elms & birches, & burnt an enormous quantity of brush - after obtaining permission to do so by telephone from Mr. Morrell, this morning. Very few birds about. Saw a fine cock Pheasant in field. Just after heavy shower every twig was loaded with rain drops glistening in sunlight like ice diamonds.

Concord

Ther

FRI. OCT. 25, 1912

Wea
Rainy

Early morning foggy & calm. Sun showing at 9. Heavy showers all morning & drizzling rain most of afternoon. Wind S. to E. Very warm & humid.

In Ball's Hill with 3 men at 8 a.m. Spent forenoon there burning brush (by permission from Morrell) & cutting a fire line. Business cutting on his own account. In afternoon worked at Farm hauling brush & wood & preparing the deer back fence.

At 7 a.m. the Farm sound alarm with birds. There were Crows Cawing, Jays screaming, Chickadees, White Throats & juncos calling, a Pheasant Cawing. At noon & later saw 12 Robins flitting about. Bluebirds calling in early morning at Farm & Ball's Hill. 7 Crows Blackbirds flying low E. at 3 P.M.

Concord.

Ther

SAT. OCT. 26, 1912

Wea
Fair

Forenoon largely cloudy. Afternoon
sunny. Calm & warm all day.
Juncos still in bloom at Farm &
one pink ladybird blossom on B. H.

Spent day in farm grove at
feet of Ball's Hill working with
my team men. We cut a lot of
trees, chiefly Beeches, and trimmed
dead wood from others casting
brush out into meadow & burning
it there. Berries were there.
Trimming & burning for harvest.
Gilbert came down & got dinner
at cabin. I met Dexter going over
just in time for it. Walking
down in early noon I heard 5
Partridges all at once in Bush Field
& 3 more on E. end B. H. As I came
out of cabin at sunset a great
Blue Heron rose from marsh of
ditch across river & flew rapidly
off over meadow.

Concord.

Ther

SUN. OCT. 27, 1912

Wea
Fine

Clear & warm with light W. wind.
Crickets chirping, Wood Frogs croaking,
Yellow Butterflies on wing. (Dragon Fly
yesterday). Back of Farm Juncos & Gulls in bloom.
First Winter Wren & Tree Sparrows.

Spent entire day alone & out of
doors, rambling about in woods on
Farm planning work for coming week.
In Berry Pasture just after breakfast
saw a Winter Wren, 2 Tree Sparrows,
5 Robins, a Thrasher & 2 Blue Jays.
Later in day started 2 Cuck
Pheasants out of corn & 2
Partridges from corn. 2 White
throats & a Fox Sparrow from grove.
What has happened Pickering Hylas?
I have not heard a down call
all the autumn despite the wonderful
warm, calm weather. previous.

Concord,

Ther

MON. OCT. 28, 1912

Wea
Time

Clear & rather cool with
light northerly wind.

Spent entire day within 100
yds. or less of farm house working
with the men. We put in
posts for grape vines, removed
a section of wall in front of
house, hauled off a lot of rubbish
and planted many crows &
Jonquil bulbs. There were
many small birds about,
chiefly juncos with 3 Fox
sparrows, 2 white-throats,
a Song Sparrow, a White-b. Nuthatch
a Downy & 5 Robins, a solitary
Crow Blackbird. It rained through
Bury Pasture & Pilech place at
evening. Phoebe calling.

Concord

Ther

TUES. OCT. 29, 1912

Wea

D.C. French visits me. Time

Clear & very warm with light
southerly wind.

Spent forenoon at farm working
with Zeph, Pat & George in the
run. We began to well. night
finished cutting out a new wood
road then leading from the potato
road into & down the run towards
Pulpin Hill. Most of the trees are
now very green & leafy from
D.C. French joined us shortly
after dinner. He had a delightful
walk to Bull Hill via Bird Field
& Pine Hill, returning via Holden Hill.
Saw very few birds. Evening spent
in horse calling. Dan looks
exceedingly well & much younger
than he has for a number of
years.

Concord

Ther

WED. OCT. 30, 1912

Wea

Clear & oppressively warm with strong S. W. wind until about 4 P. M. when the wind shifted to N. W. & the air became refreshingly cool. Mr. Dexter who came down to dine with me says that the Concord location observer, Tower, has told him that the past month has been the warmest October on record.

Dear Friends left us at 7.50 A. M. to take 8.06 train for Boston & evening train for New York.

I spent day with 3 men working on wood land in Barrett Run. We have a old cut out in the maple woods. Very few birds & none of interest.

Concord.

Ther

THURS. OCT. 31, 1912

Wea
Time

Clear & warm with light W. wind.

Spent day working with the men at Ball's Hill, doing there. We were all as busy as could be putting away things for the winter & making certain renovations. The screens were taken out & Toph replaced the parts of the outer approach to my sleeping room with new & heavier ones. T. & George hauled a lot of dirt for the ruin road way. I saw very few birds. A Red-shouldered Hawk & a flock of about 15 small Blackbirds that looked & called like Red-wings, a few Chickadees, a few a Flicker etc. A Sphered. call. Phoebe alighted on my dressing in front of my house early in the morning.

Concord.

Ther

FRI. NOV. 1, 1912

Wea
Stormy

Fiery red sunrise, Cloudy forenoon,
heavy rain from 1 to 8 P.M.

Warm with violent S.E. wind
(blowing a gale in early evening).

Spent forenoon with Zeph, Pat,
Bensen & Gary Bolton cutting
oaks, birches & some cherries on
the wooded slope north & east
of the barn at the farm. We
finished this task at noon
when few trees were left except
rickows of which there are very
many, mostly not over 20 ft tall.

After the rain began we
went to work on the wood
shed laying bricks for flooring.

I put them in place myself as
the men handled them on

Very few birds. One Robin near the

Concord - Cambridge.

Ther

SAT. NOV. 2, 1912

Wea
Fine

Clear & cool with fresh N.W. wind

My last day in Concord. Spent
most of a morning with the men
pulling away things for the
countryside, selecting off to go
to Cambridge, etc. We finished
laying bricks floor in shed at
11.15 when Zeph, George & I went
together to woods bordering road
to Barrewood. George is to cut
all the wood there this winter
& he wished me to share the
labor he is to follow. He has
agreed to cut & stack the wood
for 1.35 per cord. Zeph
is to handle all over with road.

At 3.55 P.M. Zeph & I left
the farm on the Cambridge car which
carried me to Bradford. I
took the 3.55 car to Cambridge

Cambridge

Ther SUN. NOV. 3, 1912 Wea
28°-36° Fine

Clear & cold with strong, chill
N.W. wind. Little pond in garden
frozen over & surface of ground
frozen hard frozen, this morning.

To Boston with C. E. R. S. & Mrs. Wyman
at 10.10 a.m. a splendid service at
St. Pauls, Good Sermon by Dr.
Rommance, Home by 12.15.

The Stoups & Mrs. Allen dined with
us on chickens from Farrow, Suffolk,
having left them there yesterday, had to
go for them this morning in the
Cadillac car. The Stoups stayed until

4.30. After they left I wrote a few
letters. C. & B. read to me in hall
this evening. Saw 3 Chalcids & a
Blue Jay in garden. Got down
very good Usabilla & Catewba paper
these were after even.

Cambridge - Boston

Ther MON. NOV. 4, 1912 Wea
Fine

Clear & cool with fresh morning wind.

Spent forenoon in Museum writing
letters. Went to Boston at 12.30,
lunched at Bunch O' Grapes, called
at Safety Bank for two 1.000 notes
(Bonds & sold them to a collector & then
to make good deposit here is a bank
payable of paper money - single note
which Boston bank received. I called with
letter about I asked for information.
We received no help to the collector.

Saw Gossamer & Evening. Bought 200
smaller & 100 larger books in
Potter, Fells, Random & 34, north of
Fanning Lake, baskets also at Bucks!

Home by 6.30. Received that this was.

To be reading. They have on life in
the garden, & a paper of the same kind
of birds & insects. I had a lot of work

Cambridge.

Ther TUES. NOV. 5, 1912 Wea
National Election. Fine

Clear, calm, mild.

Noted in Garden. 3 Chickadees,
1 Brown Creeper, 3 Goldfinches, 1 Junco,
1 Field Sparrow, 1 White Throat, 12 House
Sparrows, 2 Blue jays, 1 Flicker,
1 Downy.

In halls at 9 A.M. Voted for
Wilson & Marshall & for Bird as
Governor; otherwise voted straight
Republican ticket. Dr. Coolidge, who
95th birthday passed last week,
entered halls & voted while I was there.

Spent most of day planting
bulbs in lawn with Percy's help.

Left came down in afternoon
with 20 bushels of apples & about half
a bushel of pears. E. R. S. read to me
in hall this evening.

Cambridge

Ther WED. NOV. 6, 1912 Wea
Fine

Clear & warm with fresh W. wind

Noted in Garden ② Hermit Thrushes,
② Chickadees, Canada Nuthatch (eating nut),
Brown Creeper, ③ Goldfinches (winter fl.),
⑩ Juncos, ② Blue jays, ④ Crows,
Flicker, Hairy Woodpecker in lindens
for 10 minutes, very noisy (rattling call)
chased back & forth by an House Sparrow,
Downy W. (1/2 in leaf)

Spent entire day working with
Percy planting bulbs in lawn & in
front of house. Also planted some
Japanese irises in garden.
Gulbert working on aquaria. We
have taken out all the goldfish (7)
from the pond & kept them in
tubs. We have had 2 years
E. R. S. read newspaper to me this year.

Cambridge

Ther THURS. NOV. 7, 1912 Wea
Scrub in Garden Stormy

Cloudy & oppressively warm with strong S.W. wind. Heavy rainfall in afternoon & evening.

Noted in Garden: Hermit Thrush (eating haws in front of Museum) Red bellied Nuthatch (♂, calling in pond) 6 Chickadees, Brown Creeper, 3 Goldfinches, Juncos, White-thr. Sparrows, at least 30 House Sparrows, 3 Blue Jays (one with hurt wing, unable to fly, dangling at pond), Hairy Woodpecker (calling close by), ♂ Downy, Herring Gull (flying over).

At 1 P.M. a ♀ Tanager. Took a bath in pond. Standing in Museum door Gifford & I watched her for several minutes about 15 ft. away. She had perfectly plain brown wings & looked so brownish above & on rump especially, that I thought for the first moment of a Sumatran Redhead but she was much too small for that & had too small & too dark colored horn-shaped a bill. Hence I now conclude to believe that she was a *P. erythrorhynchos*. After her bath she flew up into the tufes by the pond & sat there fluffing & preening her wings. After that she flew off towards Broad St. Spent day in Museum sorting letters etc. A Boston Globe reporter called at 8.30 & stayed over home talking. He wrote a "note up" in Museum for his paper & V. Conrad told Mary Gifford, Rebecca, Sister Frances & Anne Sunday lunch with me.

Cambridge.

Ther FRI. NOV. 8, 1912 Wea
 Fine

Clear & cool with light northerly wind.

Noted in Garden 4 Chickadees, 4 Juncos, 12+ House Sparrows, 2 Jays, a Downy, 35 Gulls flying over.

Spent day in Museum working with Gilbert putting away books, rearranging mounted birds & otherwise getting the place in order for next week's invasion. A Globe Newspaper man came out to photograph my Audubon painting & a group of Ruffed Grouse for an article in his paper. He seemed a quiet, decent fellow. E. R. S. wrote to Mr. Bar this morning. I used to see after we had dinner together up stairs.

Cambridge

Ther

SAT. NOV. 9, 1912

Wea

Tanager again

Fine

Clear & cool with light westerly wind.
Heavy shower in late P.M.

Counted in Garden 4 Chickadees, 2
2 Red-bellied Nuthatches, Tanager,
3 Goldfinches, Fox Sparrow, 3 Juncos,
White-thr. Sparrow, 2 Blue Jays, Downy,
20 House Sparrows.

The Tanager reappeared at 1 P.M. I
saw it again at 2 & watched it fully
half an hour following it around. It is
insect arbor, getting & eating such as a life
grape. Most of time it perched high in bird
grove & in big weavers coming out after
flying insects. It was shy & suspicious &
I could not approach it closely but in late
sunlight saw it well. It looked very brown
above & almost uniform on rump & tail. The
wings appeared almost uniform with back &
showed no blackish but I saw some traces
of two yellowish bands & light tips to secondary.
The bird kept raising its tail slowly much
like a House Finch. Despite its small
size, I began to think it may be a P. Finch.
Its bill looked too small and showed light to day.
Somewhere in northern birds now calls a
Scarlet Tanager. Yet it is no larger.
Spent day in Museum clearing up my bird
etc. & looking after. Left about 10:00 P.M.

Cambridge.

Ther

SUN. NOV. 10, 1912

Wea

Fine

Clear & cool with light N.W.
wind. No frost of late. Grass
on City Common as green as in summer

Met C. at St. John's Church at
10.45. Walked down with her & Mrs.
Carruth. Good sermon by Dr. Hodges.
Returning C. & I called first on
Dr. Goodridge & then at the Abbeys
where we saw Mrs. & Mrs. & all four
girls. Alice Allen our only guest
at dinner. After it I wrote
letters in Museum on a long one
to Arthur E. (Carpenter) about my
compensation as Trustee.

Geo. Deane called after supper.

Walked home with & sons Ruthorn
who had just come from Chicago.
Returning found all electric lights
out in our house. Telephoned to the
Sanctuary where they had trouble.

Cambridge

Ther MON. NOV. 11, 1912 Wea
A.O.U. Council & Business Meeting Fine

Clear, calm, mild.

The Council Meeting of A.O.U.
began at 10.15 a.m. in my
study in Museum. By that time all
expected had arrived viz. Batchelder,
Brewster, Chapman, R. Deane, Dwight,
Elliot, Fisher, Osgood, Sage & Stone.
We had lunch in house at 1 P.M.
& after that a short afternoon session.
Mr. & Mrs. Chapman, Elliot, Osgood &
Lynd Jones, our guests for the week,
were added to at dinner by R. Deane,
Dwight & Sage invited for this dinner.
At the business evening meeting held
in my big room in Museum we had,
besides the 10 Councilors, Bent, Barnes,
Berkhof, Jones, Bangs & Chadbourne.
Election of Fellows a long & long
ending in defeat of Mayers. Meeting
lasted until about 12.30

Cambridge

First Public Meeting - A.O.U.
Ther TUES. NOV. 12, 1912 Wea
Batchelder receive 5 P.M., I at 8 P.M. Fine

Clear, calm, mild.

Attendance at this the first public
meeting of A.O.U. Congress (30th) was
large. The big lecture room in Geological
Section of Mus. C.Z. being well filled.
Chapman & Job both had good lantern
slide shows & talks. The latter overran
his time more than half hour, thus
crowding out lantern talk by Pearson
who was much apprehensive. Believing that
Fisher (in Chair) adjourned meeting
expressly to get rid of him. We all
went from Museum to Batchy's reception
His house crowded with members.
I received male members in my
Museum from 8 to 11 P.M. Fifty seven
came among them Prof. Fred Palmer &
John H. Hager. Evelyn, Sally, in cream and
served all 4 in my study.

Cambridge.

A. O. U. Meeting - second day.

Ther

WED. NOV. 13, 1912

Wea

Annual Dinner

Dull

Cloudy & sultry with light rain
after dark.

Morning meeting in Nash Lecture
Room, afternoon in Guelph Hall.
Large attendance with more
than half of audience women.
Papers not especially good.
Annual dinner in Brattle Hall
building. About seven o'clock
I sat with the Chapmans &
with Finckles who arrived
this morning & is one of our
guests, showing Osborn's bed.
I had to make an address
of welcome, very trying although
short & impromptu. One
home party went back early
about 9.30 but we sat up
late.

Cambridge

A. O. U. Meeting - last day.

Ther

THURS. NOV. 14, 1912

Wea

Reception for ladies A. O. U. Stormy

Cloudy & cool with heavy rain in
afternoon & evening. Very dismal day.

Forenoon meeting only closing
30th Congress, A. O. U. It opened
with good paper by Alexander Forster
on Flight of Gulls. This followed by
long discussion in which Jack Nichols
Harry Bayliss, Finckles, W. B. & others
took part. Then we had a paper
by Charles Whistler
on Black back Gulls and several
very good attendances. After lunch
at Grand Club we had Council
meeting then. Home by 3 P.M.
My reception is lady members of
Union in Museum 4-6. About
35 came. Walter helped me show
collection. G. & E. H. S. assisted by
Ernest Greenough & Mrs. Bolles.
Ellis, Chapman, Finckles, Osborn, Jones

Cambridge.
A.O.U. Meeting - second day.
Ther WED. NOV. 13, 1912 Wea
Annual Dinner Dull

Cloudy & sultry with light rain
after dark.

Morning meeting in Nash Lecture
Room, afternoon in Entomology.
Large attendance with more
than half of audience women.

Papers not especially good.

Annual dinner in Brattle Hall
building. About seventy went.
I sat with the Chapmans &
with Finck who arrived

This morning & is one of our
guests, showing Ogden's bed.

I had to make an address
of welcome, very trying although
short & impromptu. One
hundred party went back early
about 9.30 but we got up

Cambridge
A.O.U. Meeting - last day.
Ther THURS. NOV. 14, 1912 Wea
Reception for ladies A.O.U. Stormy

Cloudy & cool with heavy rain in
afternoon & evening. Very dismal day.

Forenoon meeting only closing
30th Congress, A.O.U. It opened
with good paper by Alexander Forbes
on Flight of Gulls. This followed by
heavy discussion in which Jack Nichols
Harry Bigelow, Finck, W. B. & others
took part. Then we had a paper
on Slide paper by Charles Wherry
on Black back Gulls were superb
very good attendance. After lunch
at Colonial Club we had Council
meeting. Home by 3 P.M.
My reception to lady members of
Union in Museum 4-6. About
35 came. Walter helped me show
collection. G. & E. H. S. assisted by
Ernest Greenough & Mrs. Bolles.
Ellis, Chapman, Finck, Ogden, Jones

Concord

Ther SUN. NOV. 17, 1912 Wea
Deer seen near house Dull.

Clear sunrise with ground
hard frozen & snow white with
hoar frost. Remainder of day
cloudy & mild but chilly.

Scouting for Christmas trees etc
going to Pine & Davis Hills via
Birch Field in A.M., in P.M.
through woods of Farm.

Birds noted: (9) Robins in lawn,
(13) Tree Sparrows in orchard;
(5) Chickadees at Farm (2) at Pine Hill
1 Creeper on Farm, Golden Oriole
heard in Pine Hill Pines & White Birch
North Hill on Pine Hill, Flicker at
Barns, (25) Goldfinches (Pine Hill),
(2) (2) Juncos, 2 Jays, 4 Crows.
11 Partridges (6 Blue J. 3 Pinn. juncos - 9) 3
Pheasants (1 1/2). A big doe seen by Zeph
at 5 P.M. walking 15 ft. of the shed. I
saw her directly in front of the garden at

Concord

Ther MON. NOV. 18, 1912 Wea
First snow-flakes. Dull.

Cloudy & cold with high N.W.
wind. Large, scattered snow-flakes
falling every now & then. My hands
numb with cold much of time.

Spent day at Farm working
with Zeph & Bensen. In forenoon
we put in posts for grape trellis
in front of barn & hauled in
a lot of pine cut Saturday.
In afternoon we went to
Birch Field & cut a wagon load
of young pines to take to
Cambridge for Christmas trees &
country courting. Started 3
Partridges there. Saw a Pheasant
in field front of barn at 7 and
one junco, a Flicker, a Jay &
several Chickadees the only small
birds noted.

Concord - Cambridge.

Ther TUES. NOV. 19, 1912 Wea
Pine Warbler. Fine

Clear with light S.W. wind. Ground hard
frozen at sunrise, muddy before noon.

Spent forenoon at Farm working with
Pat & Zeph. (The former reappeared at 10 A.M.
having been missing ever since Am 6th). We
cut pines in Berry Pasture & front of Bengals
& barked raspberries with them.

9 Pine Warblers with 5 Chickadees in orchard
on ground & in apple trees. Very tame. Got within

10 yds of house. 6 Tree Sparrows & 2 Juncos

in low field near of house. As I was watching

them a fine old ♂ Sharp-shin Hawk passed
down in this midst & clanked at them
successively but so cleverly that all easily eluded
him. They all then scattered & I kept shooting in
direction of the Hawk from my camp near

Grand Ringlet, 1 Saw 2 Jays, a Flicker & 3
Phoebe's (in Barnyard field). Heard 1st of first

to Bells Hill at 1 P.M. Got near from
there. Heard Chickadees & Goldfinches

Road fence as one near at 3.45. Just
as we landed a flock of 40+ Snow Blackbirds

passed & alighted in 2 maple on Bells Hill
where they made a great clatter.

Heard Fox Sparrow in house near front
Took 4.27 train to Cambridge

Cambridge - Boston

Interview with Blackwell.
Ther WED. NOV. 20, 1912 Wea
Trustees Com. Agreement. Fine

Clear, calm, very mild. Frost all gone

Birds noted in Garden at 9 a.m. were
6 Goldfinches, 4 Juncos, 1 Fox Sparrow,
1 White-throat, 1 Blue Jay.

Business call on Howard Blackwell. 9 a.m.
He asked me to allow him 100 for painting
watering cradles etc. This I granted. He then
asked me to put in new bath room under front
stairs the cost was to exceed 500. he is pay 6%
interest on this sum as additional rent. I took
this under consideration.

To Boston at 11.30 a.m. at our
office from 1 to 3.45 P.M. Long talk
with Arthur about Trustees' Corporation etc.
I wrote him on 10th that I could not
continue to serve as Trustee of Estate for
less than \$2500 annually. To this he &
Buttrick agree, he said to-day. They will
serve for \$1500 each. We discussed
reimbursement of Watson mortgage money
& considered Buttrick & Sherborn. Decided
finally to put 15000 in Copley Square
Trust, 5000 in Conway Avenue Life mortgage
& remainder in Irving & Chicago
banks. Also discussed stamp of Newell call
at Woodbury. Arthur suggested talking
one of stores under Town Hall for Museum.
I wrote Gordon Glendall to visit you.
from office. Thence to Acad. Soc. meeting at
Bot. Soc. 4 P.M. Eight members present.
nothing important done. Home 6

Cambridge

Ther THURS. NOV. 21, 1912 Wea
Fine.

Indian Summer day, clear, calm very warm.

Seen in Garden (3) Chickadees, (4) Goldfinches,
(3) Juncos, 1 Fox Sparrow, 1 White-throat,
♀ Hairy Woodpecker, 1 Blue Jay.

The Woodpecker, a very large one, spent at least ten minutes among the small trees (hawthorn hedges & back) in front of Museum checking slowly up their stems, tapping them lightly here & there but getting no food.

I was in Museum all day (working at odd tasks) / I was for two hours in forenoon which I spent with our tenants. Antoinette Blackwell to spend \$500, on new bath room & 1 on on renovations; Sympathetic with Mrs. Brown one had nearly on her call floor; promised Mrs. Gay to cut down the maple in her yard. Ruthven Dean called at 3 P.M. & stayed until 8, talking.

Cambridge.

Ther FRI. NOV. 22, 1912 Wea
Fair

Chiefly cloudy with sun shining dimly at times. Calm & mild but chilly.

Noted in Garden Chickadee (heard), Brown Creeper (heard), Downy W. (heard), House Sparrows 10, Herring Gulls 17.

Spent most of day in Museum writing letters. Gilbert took me to Harvard Square at 10 A.M. to send telegrams to Henry & Allen to say I should not go to Washington. I had planned to start to-day but found I could not well get change in time to be at Allen's office at appointed hour (1.30) Saturday. The trains run very slowly & inconveniently now owing to bad connections. C. & E. R.S. read aloud in hall this evening.

Cambridge

Ther SAT. NOV. 23, 1912 Wea
 Ruby-Crown Kinglet. Fine

Clear, calm, very mild. Another typical
 Indian Summer day.

Noted in Garden. Ruby-Crown Kinglet,
 10 A.M., in shrubbery & old cedar front
 of Museum. Uttered characteristic chatter
 many times. Apparently ♀ but I failed
 to get good view of crown. Bird alone
 for several minutes, then joined & bullied
 by House Sparrows which drove it off out
 of sight over houses & trees to westward.
 Chickadee (2), Goldfinch (2), Fox Sparrow (1)
 Jay (1), Crows (3), Robins (1).

Spent most of day in Museum
 writing letters. Leph came from Concord at
 10 A.M. bringing load of pears & more
 apples. Gilbre went to Farm in morning
 for ground pine getting back at noon.

We put up from shelter about 2 1/2 hours
 in P.M. The McWilliams & Miss Valentine
 called at 8.30 staying an hour.

Cambridge

Ther SUN. NOV. 24, 1912 Wea
 Stormy.

Heavy N.E. storm with violent wind
 & a deluge of rain in the afternoon.

Noted in Garden only a Goldfinch
 & a Junco feeding in tops of seed-
 laden birches and a dozen or more
 House Sparrows flitting about.

Spent most of day in Museum
 writing up neglected bird notes
 for the journal from condensed
 passages in the daily entries
 in the diary relating to Pheasants,
 Canada Geese & Deer at Concord.

At dinner we had Mrs. Wymen,
 Sally Dearborn, Annie Chapman &
 the Misses Rogers. E. K. S. read
 aloud in hall this evening.

Cambridge

Ther MON. NOV. 25, 1912 Wea
Resume Umbagog work, Dull

Cloudy & chilly with high W. wind & occasional flurries of snow.

In the Garden saw 2 Chickadees & about a dozen House Sparrows & heard a Junco & 2 Jays.

C. Spent forenoon in Museum type writing his journal & I resumed work on my Umbagog book taking up the American Scoter Story which was not quite completed last August & adding to it a fresh page of M.S. which occupied me until 6 P.M.

C. & E. R. S. went into Boston to the Tremont Theater this evening. I spent it at the Almy's where I saw most of the family & had a good talk.

Cambridge - Boston

Ther TUES. NOV. 26, 1912 Wea
Dull

Cloudy & cool with light S.W. wind.

Only House Sparrows noted in Garden. Spent upward of an hour in Museum after breakfast. Started for Boston at 10.30. Reaching office had long talk with Arthur at Trustee matters & Judge Abbot. Arthur sent for Mr. Abbot, his lawyer, & we talked with him also. After lunch (at Bunch O' Grapes) I spent about 2 hours looking up stock certificates & other papers & taking them to Safety deposit which I visited. Thence I took out certificates 21 shs. Tel. & Tel. to have 10 shs. sold to pay for 5 new shs. Edison Ebs. Remaining 11 shs. Tel. to be returned to bank later. Had long talks with Gallinger & Darling about estate matters. Our "residuary" will be less this year because of heavy expenses for repairs to house (7,000 for 149 days) & got home at 5.30. E. R. S. & C. went to the theatre.

Cambridge

Ther WED. NOV. 27, 1912 Wea
Fine

Clear & cool with fresh N.W. wind.

In the Garden saw 3 Chickadees
a Brown Creeper & about 15 House
Sparrows; heard a Flicker calling
& Crows cawing. One of the
Chickadees of this trio seen here
almost daily has a very faint voice
and utters the usual chick-a-dee-dee
notes in what might be termed
a shrill whisper.

Spent day in Museum working
on Butter-bell Story. I went
badly & I asked less than a
page of fresh matter. Balchelder
called at 4 P.M. a box containing skins
of 5 Esquimaux Curlews shot last August
in Labrador, came from Dr. Greenfield
through Miss White to day. Gilbert
went to town for them at 9.30.
E. R. S. took 2 a.m. train for Bangor.
C. went to me in hall this eve.

Cambridge.

Ther THURS. NOV. 28, 1912 Wea
Winter begins(?) Snow Storm

Early morn gray & chilly. Snow began
to fall at 10.30 & continued until
4 P.M. when the ground was covered to
depth of about 2 inches & the trees loaded.
After this it grew rapidly cold & colder.

In the Garden, just after breakfast,
saw a ♂ Downy & 3 Chickadees.
Called on Blackwell, 9 a.m., & spent hour
discussing plans for his new birth room.
After that wrote letters until 1 P.M.
at 1.30 C. & I sat down to dinner with
13 guests: - Will & Alice Stone, Geo. V
Lowell, Mrs. Edward Wyman, Mrs. H.E.
Scudder, Mrs. Mansfield, Miss Jennie
& Emily Chapman, Miss Holman, Miss
Harkness, Miss Purdie, Miss Swasey &
Mrs. Hillhouse. As C. played the rest
danced a Virginia Reel after dinner.
Our maids Alpha & Loren waited on
Swedish Castles. Lowell stayed until 6.
C. read to me after supper.

Cambridge - Boston

Ther 20° FRI. NOV. 29, 1912 Wea Fine

Clear & cold with light W. wind.

(2) Blue Jays in the Garden.

Spent day in Museum, working up to 11 a.m. on letters, after that on Scooter story.

By Robert Walcott's invitation I dined with him & F. H. Allen at Union Club at 6.30 & went with them to meeting of Travelers' Club at 8.15 to hear Stephenson lecture on his experiences in Victoria Land among the blonde Eskimos. He was most interesting & pleasing. I talked with him, with Schepfer, Dr. Meek, Bachman & others.

Got home at 12

Cambridge - Boston

Ther SAT. NOV. 30, 1912 Wea Fine
born? in Chesler River

Clear & mild with fresh W. wind. Snow & ice all gone by sunset.

Chickadee heard & 2 Jays seen in the Garden.

To Boston at 10 a.m. Spent about 2 hours in our office. Had talk with Arthur & dictated letter to my Cousin Elizabeth about turning stone under Town Hall into Museum. Discussed selling Appleton St. Land. Went to 20th Century Club at 12.30 & met C. Thoren. After a good plain lunch we heard Henry George on Single Tax & the Baroness von Suttner on War versus Peace. She was fine & interesting. Room crowded. Got home at 4 P.M. In river off foot of Sparks St. saw cat 10 ft. long. What looked like an adult brown swimming close to opposite shore.

Cambridge.

Ther 36° max. SUN. DEC. 1, 1912 Wea Fine.

Clear, calm & cool with dry air devoid of chill. A perfect day.

3 Chickadees, 1 Junco and 2 Jays seen in Garden.

Met C. at St. John's at 10.40. Walked over to Mt Auburn St. on way down hoping to see suppressed loom again but it was not visible. Yesterday it was in lumpy, wind-ruffled water close to shore & here I looked poorly. Dr. Hodges preached a good sermon. Got back at 12. Miss Allyn our only guest at dinner. E. R.S. returned from Bangor last night. I worked a little on Huttery's table after dinner. The Melvins came at 4.30 for half an hour. E. had to see the

Cambridge.

Ther MON. DEC. 2, 1912 Wea Stormy.

Forenoon cloudy. Heavy rain in late afternoon. Warm. Wind strong S.W.

Heard a Brown Creeper & Chickadee in the Garden. A Screech Owl heard there by Percy about 9 P.M.

Spent day in Museum working on Butler-bird story. C. typing in forenoon. Gilbert took an Cadillac car to Concord to show in Barrett barn for the winter.

Nutall Club meeting this evening. 16 present. Annual election. Townsend made Vice President in place of J.H. Allen & John Baker Secretary & replace Glenn M. Allen. (There were no changes. Mendon told of trip to Labrador in 1876. I showed 5 albums

1912-1913
St. John's
Cambridge
St. John's
Cambridge

Cambridge

Ther

TUES. DEC. 3, 1912

Wear
Fair

Clear, calm mild. No frost on ground. City lawns as green as in summer. Two birds.

Chickadees heard in the Garden.

Spent day in Museum working ceaselessly on Butler-bill story.

In forenoon produced nothing worth keeping. In afternoon wrote a story that may serve. I am still rusty, will be, evidently.

Noble, a writer for Boston Globe, called at 8 P.M. by appointment to interview me about my collection & work. He is an intelligent man & interesting.

He stayed until 10.30. I am to see his story in No. 8. before it is set up.

Cambridge.

Ther

WED. DEC. 4, 1912

Wear
Fair

Forenoon cloudy; afternoon sunny. Pleasantly cool with light westerly wind.

A Chickadee & about 12 House Sparrows the only birds noted in the Garden.

Spent day in Museum working on Butler-bill story & making pen progress. It is, however, almost finished now. Miss Stinson lunched with us. She sails for England on Saturday.

Noble sent up type written copy of his article this morning. I do not like it & shall insist on many changes & corrections. It is too personal by far, & also loose by matters E.R.S. began a new Irish story this morning. "Major Hunt's Niece".

Cambridge

Ther THURS. DEC. 5, 1912 Wea
Fine

Clear, calm, mild. Gnat-like insects dancing in the sunlight. All conditions much as in early November.

In the Garden heard a Cuckoo & a Chickadee. Saw Sparrows & a Crow on wing.

Called on Geo. Noble at 9 a.m., taking back his M.S. He was very good about it and at once accepted all the numerous changes & eliminations I had made. We talked about an hour.

Returning I at once attacked the Buller's Bill story & completed it by writing a final page. C. worked all forenoon typing from my M.S.

In P.M. wrote letters & checks for bills. E. R. S. read from the "Mays is Mine" after dinner to night.

Cambridge - Boston.

Ther FRI. DEC. 6, 1912 Wea
68 1/2° at 2 P.M. Fine

Clear with fresh S.W. wind. Warmest December day on record, according to many papers. Our furnace-heated houses intolerable.

Chickadee & Hairy Woodpecker heard in the Garden.

Spent forenoon in Museum. Began Bittern story & wrote a page of it.

Kennard interrupted me about noon to explain his refusal of Eskimo Customs. He was very nice about them & insisted on helping me out but I would not accept it.

Smith Dexter appeared at 1 & lunched with me. We went in train together at 2.35.

I spent 2 hours at office & had talk with Arthur about Museum at Wolfboro. He considered plans by architect just sent them by us. He decided I am to continue along about it. At 5 left office, bought Christmas card & went to Athletic Club to dine. To meeting N.E. Bee. Club at 8.15. Good lecture on Shad Bucker. I joined in discussion.

Cambridge.

Ther

SAT. DEC. 7, 1912

Wea
Dull.

Cloudy, calm, intensely chilly but not frosty.

In the Garden saw 2 Chickadees & about a dozen House Sparrows.

Spent day in Museum working on Bittern Story & writing a second page of M.S. Also wrote a few letters. Telephoned Geo. V. Lowell suggesting that he buy one of the Grenfell Eskimo Curlew at \$50. to give to Mrs. Conner Zoology. He agreed to this at once & will send his cheque to-morrow. Thus 3 of the 5 birds are disposed of. Wrote Kennard offering him his pick of remaining two for \$25. Both are in poor condition & not worth more than that.

E. R. S. read "Major's niece" this eve. Walter D. called at 9.30 a.m.

Cambridge

Ther

SUN. DEC. 8, 1912

Wea
Hudsonian Chickadee. Fair

Forenoon sunny; afternoon cloudy. Harsh northerly wind. Ground frozen at sunrise.

In Garden saw a Hudsonian Chickadee & 2 Black-Cap Chickadees, a Blue Jay & a Crow; heard a Flicker calling.

I was writing in Museum at 10.20 when the Tchick, chee-dee, dee call of the Hudsonian came faintly to my ears. Rushing out I heard them again in jungle where I soon found the bird in a small white pine & watched it for 5 minutes, standing within 6 ft. of it. It was a beauty in fresh perfect plumage. 2 Black Caps were near it. I left it to start for St. Johns at 10.28. Dr. Hodge preached a good sermon.

Miss Allyn dined with us. F. H. Manning came over for supper at 6.30 & stayed until 9.30. At 5 I went to the Almy to consult the Judge about taking money for Museum at Wolfenbutter House Hall.

Cambridge - to ocean.

Ther 10° MON. DEC. 9, 1912 Wea
 Windy again Fin

Clear & Cold with strong, raw
 northerly wind.

In Garden saw 2 chickadees,
 3 juncos, 2 jays & a Hairy W.

Spent forenoon in Museum
 working at Dr. May's M.S. Box
 composing nothing new. C. by fire
 in big room. To Boston at 2.
 Put 7 Hrs. Del. Dec. & 11 the Am.
 Tel & Tel in my safety box. Gave
 duplicate key of it to Galloupe.
 Talked an hour with Arthur about
 Wolfboro matters. Decided to take
 estate in common money to install
 new collection probably in stone
 columns. Arthur agrees to save for
 100. a new set of his own expenses.
 Dictated letter to Cousin Elizabeth
 also memorandum of talk with
 her yesterday. Home at 5.30

Cambridge

Ther TUES. DEC. 10, 1912 Wea

Clear with fresh N.W. wind.
 a raw, blasting day less cold,
 however than yesterday.

In Garden saw only a few H-shrikes
 & a chickadee pecking at pine. Heard
 a Downy Woodpecker call repeatedly.

Spent day in Museum. Worked
 most of forenoon on Belton Story,
 working 2 Hrs. Harry B. Bailey
 appeared unexpectedly at 12.45.
 Although he would not join us at
 luncheon he stayed over two hours
 & we had a good talk. He is as much
 interested in birds and eggs as ever.
 Outram Bangs came at 2.30 &
 stayed an hour. He took off his
 Estlin's Labeled one for M.C.Z. in
 return to the much over 100 for his
 C. & E. R.S. seeds about in half this
 3 hours of room cold coming on

Cambridge.

Ther
42°

WED. DEC. 11, 1912

Wea
Dull

Cloudy & chilly but not cold.
Frost mostly out of ground by night.
Noted no birds save House Sparrows
and one Blue Jay.

In the Museum all day working
on a copy of the Bittern story &
adding adverse notes H. to it.
As far as I now see it is
finished but I cannot be sure without
again going through my notes.

I had intended to go on
town this afternoon but was
prevented by this bronchial cold
which attacked me yesterday
and is now, I trust, at its
worst. In the evening C. and
I read from the Manuscript & E. R. S.
from "The May's River", finishing it.

Cambridge

Ther

THURS. DEC. 12, 1912

Wea
Fine

20° to 25°

Clear & cold with blustering N.W.
wind.

A solitary Chickadee that came to the
suet by the Museum window & a few
House Sparrows flitting about the
Garden, were the only birds I noticed.

Spent entire day writing letters
and cheques for bills which continue
to pour in & threaten to swamp me
financially. A ghastly one came from
F. L. Whitcomb this morning.
C. worked in the Museum all the
forenoon on the Bittern M.S.
copying his H. It really seems
finished & I shall take up another
bird to-morrow. E. R. S. read to me
this evening from a new book, "Analyses
of Birds". C. was tired out & did not

Cambridge.

Ther

FRI. DEC. 13, 1912

Wea
Fine

Clear & cold with N. W. wind.
A little snow that fell two
nights ago still whitens the
hard frozen ground in places.
It seems as if winter had now
fairly set in although not as
yet with much severity.

Heard a Chickadee & a Downy
and saw a Blue Jay & several
sparrows, all in the
Garden.

Spent day in Museum working
at Umbagog Lake. It went fairly
well for I wrote 4 m.s. pages dealing
with the Egret, Green Heron & Night Heron.

Yet I was half sick with my cold
which seems to get more & more. C. also
is down with it. E. R. S. and Gallagher
this am. Sent notes to Mrs. J. in P. M.

Cambridge.

Ther

SAT. DEC. 14, 1912

Wea
Dull.

Cloudy, cold, chilly.

No native bird of any kind seen
or heard in the Garden to-day.

Worked all day in Museum on
Umbagog Lake. After revising
and finally rewriting the Night Heron
story composed yesterday I wrote
almost three pages on the Virginia
and Iowa Rails, finishing the
former first. My cold continues
worsening & it seems to be assuming
a "grippe" character. Oddly enough
it does not seem to interfere with
my working but rather to facilitate it
although my head aches horribly &
is full of humming sounds. C. is
still a victim to the same fever.
E. R. S. sent to my room Gallagher's
notes on the same subject.

Cambridge

Ther SUN. DEC. 15, 1912 Wea
Fine

Clear, calm, mild. Snow all
gone & things wearing an autumnal
look again. Grass no longer green,
brown.

Saw a Chickadee & a Blue Jay &
heard a Crow, in the Garden.

Spent whole day in Museum.
C. had a lot of books at dinner
& so went out with him by the train
because I did not want to have
to talk, my bronchial cough being
very troublesome. I spent most of
forenoon working on Sora Rail
study writing two pages. Went
down cellar in P. M. In the
evening E. R. S. came to see from
"Wallace". C. up in her "room room"

Cambridge.

Ther MON. DEC. 16, 1912 Wea
Fine

Clear, calm, mild, a duplicate,
in fact, of yesterday.

Saw a Chickadee at the Suet and
heard a Flicker calling in the jungle.
Even House Sparrows are getting scarce
about the place. Nor do we see much
of the Squirrels. All animal life seems
now at about its lowest ebb - as is
often the case here this month.

Worked all day in Museum.
Finished with the Sora Rail & worked
on the Great Blue Heron writing three
pages in spite of constant interruptions
because Gilbert was at work on
a case of Mr. Heston's books. I spent
fully two hours with it myself.
The Muttall Club met this evening
but I attended only a Council meeting
part before it at which we elected three
new members. My cold is passing off
but I cannot talk much yet.

Cambridge
Parus hudsonicus revisa Garden.
Ther TUES. DEC. 17, 1912 Wea
36" max. Fine

Clear & cool with harsh N.W. wind.

The Hudsonian Chickadee reappeared in our Garden at 2.30 P.M. As I was working at my desk in Museum I heard his chee-dee, dee, apparently just outside my window. I thought he must be at the suet hanging within a yard of a birdfeeder to get sight of him until I approached it from outside when I saw him within six feet of me & not two feet from the suet. He seemed disturbed by my presence & soon flew away. I know not where. Nor do I know of the particular of the suet. There was a Black-cap Chickadee at it just after breakfast & 3 Jays together there in the jungle.

Spent day in Museum working mostly on Great Blue Heron Story & adding 2 pp. A Globe Newspaper man came in P.M. to photograph me, the Museum & some birds for hotel catalog in his paper. E. sent Calappa this evening.

Cambridge
Parus hudsonicus appears for third time
24 Ther WED. DEC. 18, 1912 Wea
We Live at Batchelder's. Dull

Cloudy & cool with drizzling rain.

Heard The Hudsonian Chickadee in Garden about 2 P.M. It was the only native bird noted there.

Spent day in Museum. Broke letters, marked Christmas packages and added almost 3 pp. to Great Blue Heron Story. I seem to have got into a vein of comparatively easy & fluent composition at last.

Soon after sitting down with G. & E. at our table at 7 P.M. I was called to the Telephone by Batchelder who asked if I were not coming to Mr. "We Live" at his house which I had then forgotten. Dressing hastily I got there about 20 min later. We had supper (Mrs. Bent, Barbara & Thayer, Ross, good, a fine bird. Much bright talk.

Cambridge

Ther THURS. DEC. 19, 1912 Wea
Dan French arrives Stormy

Raining whole forenoon & part of afternoon, at times heavy. Sky cleared before sunset & weather changed to cold.

A Crow seen on wing & a Blue Jay heard screaming were the only native birds noted in the Garden.

Spent day in Museum working on Heron story. It was not much added to for I had to rearrange some of the matter & this required the reworking of part of it.

D. C. French arrived at 9.25 P.M. to spend the night. I sent Gilbert in to meet him not daring to go myself because of a bad bronchial cough. We had a good talk sitting up until 11.30.

Cambridge.

Ther FRI. DEC. 20, 1912 Wea
Fair.

Partly sunny; partly cloudy. Very chilly. Grass looking fresh & green again. No snow or ice. Charles River wholly open.

A Crow, a Blue Jay, (3) Downy W's and 2 Chickadees in the Garden. (Gilbert saw the 3 Downies & a Brown Creeper)

We had Dan at breakfast & for half an hour later when he left to return to Boston & New York. I escorted him to the car of course. He seems very well, bright & happy. Returning to Museum I put in remainder of day on Heron story adding 2 pp. to Great Blue Heron story. C. read to me from 7.30 to 9.30 P.M. Irving went to the Bel.

Cambridge - Boston

Ther

SAT. DEC. 21, 1912

Wear
Time

Sunny, calm, frosty but not very cold.

In the Garden saw only a Chickadee.

To Boston at 10.30 A.M. Went straight to our office. Talked with Arthur & Stead Buttrick about arranging for Newell collection at Wolfboro. Signed all our quarterly disbursement cheques which Arthur had already signed. They will not be mailed until the 30th.

Bought arake at Fins for May C. Tremont St. packed with people. Solid line of folks selling toys extending from Pierce's to Park St. Got home at 3.30 & worked two hours on Heron story. C. & B. had alone after dinner.

Cambridge.

Ther

SUN. DEC. 22, 1912

Wear
Time

Clear, calm, cool but not frosty. Altogether autumnal weather such as we expect in November but not now.

No birds except a few House Sparrows seen about the place.

Met C. at St. Johns at 10.40. Dr. Hodges preached what seemed to me a direct sermon.

We had no guests at dinner, not even Miss Allyn who is in New York. I wrote letters before & after it - a long one to Ruthorn Deane.

C. & E. R. S. went in Boston for the Prayers this evening. I spent it with Mr. & Mrs. Allyn at their house.

Cambridge

Flock of 8+ Tree Sparrows & P. hudsonian
Ther MON. DEC. 23, 1912 Wea
We open Christmas presents. Fine

Clear & cool with light northerly wind.
In the Garden saw a Hudsonian & a
Black-cap Chickadee, a flock of about
(8) Tree Sparrows, (3) juncos, (3) Crows,
2 Jays & a ♂ Downy woodpecker House Sparrow.
I heard the tinkling notes of Tree

Sparrows as soon as I opened our back
door just after breakfast. They were
on the ground about the fence in front
of Museum mingling with House Sparrows.
I saw at least 8 & think there were
several more. They scattered when they were
shut off after this I saw 2, feeding with
3 juncos near the Sun dial. It has
been very many years since I have
seen so large a number of Tree Sparrows here.
The Hudsonian Chickadee was about
& flying through flocks at 9.30.
It was rather & they are as common as
since I first noted it on the 8th. Thus
far I have heard only the usual notes.

Spent day in Museum. C began
typing my M.S. again & did 4 hr.
in forenoon. I received them before
from ahead of her. In P.M. I wrote
a fresh page for Grand Ben Huron.
C. & R. & I opened our Christmas
presents this evening in the morning room.
We had lots of them as usual.

Cambridge - New York

Ther TUES. DEC. 24, 1912 Wea
Snow Storm. Stormy

Rather heavy N.E. snow storm. It began
about day break in Cambridge & was over
when we reached New Haven at 3 P.M. There
& beyond the snow lay 8 or 10 inches deep.
Henry Henshaw who joined us in New York
reports a heavy snow storm at Washington
when he left there this morning.

C. Miss Swady & I took 10 a.m. train
over Shore Line to N.Y. arriving in New
York at 4.10 P.M. Walked to Mulloy Hall
where we were given our old rooms, 225
& 227. Henry's arrival a little late was a
great surprise to me although C. expected
& had indeed prearranged it. C. & Miss
Swady walked down to Madison Square
to see a big Christmas tree erected there.
We all dined together at 7 & sat in
hall listening to exquisite orchestral music
until 9. Henry & I talked there until 10.

New York

Ther WED. DEC. 25, 1912 Wea
Fin

Clear, calm mild. 11 1/2 inches
of snow fell over yesterday. Some of
it melted to day & much has been
carried off but the streets are still
just right with it in places & the
"going" is very bad.

We all had breakfast together
at 8. L. & Miss Sweeney went off
to work at 9. Henry & I talked
until 11 & then started out for
a walk. Visited Grand Central
Station (as we really missed it) &
Belmont & in each a fine hotel
I walked about with along 5th Ave.
We all dined together at 1.

Henry & Sweeney came at 4 & dined
with us at 7. We sat talking &
looking to write in afternoon until
9.00 when 6, 7 & 8. Went for home.
Henry & I sat up until 10.30 talking.

New York - Cambridge

Starlings &
Ther THURS. DEC. 26, 1912 Wea
Great Blue Heron in Conn. Fine

Clear, calm, mild. Snow washing fast
Some bare ground showing in late P.M.

Henry & I breakfasted together at 6.30.
He started for Washington at 8.08, C.
Miss Sweeney & I for Boston at 10.

Saw 3 rather large flocks of Starlings
between Stamford & Bridgeport, Conn.

flying over salt marshes. One flock of 50+
seemed to consist wholly of black ♂♂,
another of about 30 of brown birds.

As we neared Fairfield, Conn. (about 2
miles west of station) a Great Blue Heron
rose from the edge of a tidal creek
not 25 yards from the car windows

through which I was looking. As he
spread his broad wings he looked like
a giant bird. In the Bay Brook marshes I
saw a Meadow Lark & about a dozen
Crows on snow covered ice chestnut
about one of these numbers, pulling at him
& working up him. He seemed to be hurt
in some way. We reached Boston at 3.
I came out in trolley car, C. Yard B.
on a fine run.

Cambridge.

Ther

FRI. DEC. 27, 1912

Wea
Stormy

Raining steadily from early morning well into the night. A dark, cheerless, chilly & altogether very dismal day.

Heard Crows cawing at day break & saw a few Sparrows in the Garden.

Spent day in Museum working on Great Blue Heron story & adding to it two pp. of fresh manuscript.

E. had a bad headache & kept up stairs all day. She sent for Mrs. Almy who came in to ~~assist~~ with me. E. R.S. lunched in town.

Walter Deane called on 5 P.M. & stayed about an hour talking. E. R.S. read aloud to me in the hall after dinner. We have finished Ballage & begun to back by Crows' legs

Cambridge - Boston

Ther

SAT. DEC. 28, 1912

Wea

Visit Alva Coolidge in Boston. Fine.

Clear & Cool with fresh N.W. wind

Saw a Jay & House Sparrow in the Garden. Heard a Downy just across street in Hubbard Park. More than 1000 Gulls in sight on ice from Harvard Bridge.

Spent forenoon working on Heron story. Finished it at evening after returning from Boston. Went to Boston, via Dudley Street, after lunch to see Alva Coolidge in City Hospital. He has been there with heart trouble since Dec. 4. He received me in his room, sitting up & attended in a dressing gown. He looked old & haggard but seemed cheerful enough. We had a good talk. He says Black Ducks & Herons are as numerous as ever in the Lake & that there was a hurry behind them.

many other
fewer than

last year
on

last year
on

last year
on

last year
on

last year
on

last year
on

last year
on

last year
on

W. ea
F. m

W. ea
7. em

Clear & cool with fresh N. wind.

In the Garden I saw two
Juncos & a Blue Jay and
heard a Flicker & a Downy.

The Gray Squirrels have been
strangely retiring of late. I have
seen almost nothing of them for
a week or two.

Spent day in Museum. Looked letters
in A.M. and copied garden bird
notes from diary into larger book
in P.M. C. went to early church
service & retired to her couch as
soon as she got back, being very tired.
Harry & May called at 3.30 P.M.

Received at breakfast time through
Barbours by telephone an invitation
from Theodore Roosevelt to spend forenoon
with him in Boston. I declined it
because I did not care to meet an

Ther
50.

MON. DEC. 30, 1912

Wea
Stormy

A dark lowering day with rain falling ceaselessly, & at times very heavily; Taking off most of the snow before night. The streets & sidewalks have been icy & more or less dangerous for several days.

Two Jays screaming in the
trees & a Crow perched in the
hickories were the only native birds
noticed about our place.

C. came out to Museum this morning & copied 4 pp. of my Heron story, now finished. I wrote a page on the Court before dinner & another on Phalaropes after it. Came in to G's reading class at 5 P.M. C. & E. read aloud in hall this evening.

Cambridge.

Ther 40° TUES. DEC. 31, 1912 Wea
Parns hudsonensis again Time

Breathlessly clear with little wind.
Lawns wholly free from snow
again & showing pale green, that in
Garden uniform & rather rich green.

Hudsonia lit in Garden most
of forenoon. I heard him twice
just outside my study window
& once saw him fly from a twig
within a yard of it & not more
than two inches from a lump of snow
hanging there. He seemed to avoid
3 Chickadees flitting about at same
time. Heard also a Flicker & a Downy.

Spent entire day working on
Red Phalarope story, adding to it
4 pp. & almost finishing it.

C. & E. R. S. read to me from 8-9.30.
At 10 P.M. they started for Boston
in Irving's limousine to see the
New Year in at St. Pauls. I seem to
have a pretty cold started as well.

Christmas Presents

To
MEMORANDA

C. F. B.	H. W. Henshaw
E. R. S.	E. W. Nelson
E. W. F.	The Bensons
Mrs. Cobb	Mrs. & Mrs. James
Mrs. Almy	F. W. Chapman
Mary "	D. C. French
Helen "	
Anna "	
Betty "	
Walter D.	
Margie "	
Ruth "	
Billy Stone	
Alma "	
Miss Allyn	
Fanny Randall	
May Cunningham	
Dr. Coolidge	

Christmas Cards

To
MEMORANDA

J. A. Harmon Brown

Dr. & Mrs. S. M. Allen

A. K. Fiske

Mrs. & Mrs. L. A. Fiske

Dr. & Mrs. Gehring

Dr. S. M. Drinn

Albert B. Cass.

MEMORANDA

Birds noted in our Garden.

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
✓ 1. <u>Parus atri.</u>	1' 6' 10' 12' 14' 15' 16' 22'	
✓ 2. <u>Dryobates pub.</u>	1 ♂ 6 ^{hd.} 13 ^{hd.} 14 ^{hd.} 16 ^{hd.}	
✓ 3. <u>Colaptes</u>	1' 6 ^{hd.} 9 ^{hd.} 10' 11 ^{hd.} 12'	
✓ 4. <u>Corvus</u>	1' 6 ^{hd.} 10' 14' 17'	
✓ 5. <u>Cyanocitta</u>	1 ^{hd.} 6 ^{hd.} 7 ^{hd.} 8 ^{hd.} 9 ^{hd.} 10' 11'	
✓ 6. <u>Passer dom.</u>	1, 5, 7, 5-9 4 10 ⁵ 11 7 12	
✓ 7. <u>Curpodacus pur.</u>	13 ^{hd.} 14 ^{hd.} 15 ^{hd.} 16 ^{hd.} 17 ^{hd.} 18 ^{hd.} 19 ^{hd.} 20 ^{hd.} 21 ^{hd.} 22 ^{hd.} 23 ^{hd.} 24 ^{hd.} 25 ^{hd.} 26 ^{hd.} 27 ^{hd.} 28 ^{hd.} 29 ^{hd.} 30 ^{hd.} 31 ^{hd.}	
✓ 8. <u>Regulus satrapa</u>	19 ^{hd.} 21 ^{hd.}	

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
23 ^{hd.} 26'		
18 ^{hd.} 20 ^{hd.} 22 ^{hd.} 26 ^{hd.}		
13 ^{hd.} 14' 17 ^{hd.} 23 ^{hd.}		
18 ^{hd.} 19 ^{hd.} 20 ^{hd.} 21 ^{hd.} 22 ^{hd.} 23 ^{hd.} 24 ^{hd.} 25 ^{hd.} 27 ^{hd.}		
12' 14' 16 ^{hd.} 18 ^{hd.} 19 ^{hd.} 20 ^{hd.} 21 ^{hd.} 22 ^{hd.} 24 ^{hd.} 25 ^{hd.} 30 ^{hd.} 31 ^{hd.}		
13 ^{hd.} 14 ^{hd.} 15 ^{hd.} 16 ^{hd.} 17 ^{hd.} 18 ^{hd.} 19 ^{hd.} 20 ^{hd.} 21 ^{hd.} 22 ^{hd.} 23 ^{hd.} 24 ^{hd.}		
14 ^{hd.} 15 ^{hd.} 16 ^{hd.} 17 ^{hd.} 18 ^{hd.} 19 ^{hd.} 20 ^{hd.} 21 ^{hd.} 22 ^{hd.} 23 ^{hd.} 24 ^{hd.} 25 ^{hd.} 26 ^{hd.} 27 ^{hd.} 28 ^{hd.} 29 ^{hd.} 30 ^{hd.} 31 ^{hd.}		
21 ^{hd.} 23 ^{hd.}		

Birds noted in our Garden

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
✓ 1 <u>Junco hyemalis</u> 1 ♀		
✓ 2 <u>Spinus tristis</u> 1'		
✓ 3 <u>Dryobates pub.</u> 1' 3' 9 ⁸ 15' 16' ② 17 ⁸		
✓ 4 <u>Cyanocitta cris.</u> 1' 2' 3' 4' 5' 2' 13' ③		
✓ 5 <u>Passer dom.</u> 1' 2' 3' 4' 5' 6' 8' 9' 10' 4		
✓ 6 <u>Parus atr.</u> 2' 4' 13' 15' 16'		
✓ 7 <u>Corvus am.</u> 5' 6' 8' 10' ② 11' ③		
✓ 8 <u>Regulus sat.</u> 8' 15' 17'		
✓ 9 <u>Certhia am.</u> 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'		
✓ 10 <u>Carpodacus</u> (2) 29' ③ gray birds		

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
18' 21' 22' 26' 29'		
17' 18' 20' 21' 25' 26' 27' 28' 29'		
11' 12' 13' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'		
17' 21' 22' 23' 25' 29'		
14' 15' 17' 19' 25' 26' 27'		

seen in Parkman's apple by Gilbert when
is nearly done they have Purple T. notes.

Birds noted in our Garden

CASH ACCOUNT. MARCH.

Date.	Received.	Paid.
✓ 1	<i>Parus atr.</i> 1' 2' 4' 9' 10' 11'	
✓ 2	<i>Cyanocitta</i> 1' 3' 4' 5' 6' 7' 8' 9' 12'	
3	<i>Passer dom.</i> 18 4, 5, 6, 7, 10, 11, 8, 12	
✓ 4	<i>Corvus am.</i> 3' 4' 5' 9' 10' 11' do	
✓ 5	<i>Carpodacus</i> 5' 7' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 6	<i>Dryobates pub.</i> 6' 11' 14' 18' 25'	
✓ 7	<i>Megascops</i> 7' 1/2 low long hdd	
✓ 8	<i>Regulus sat.</i> 7 hdd	
✓ 9	<i>Colaptes aur.</i> 8' 1/2 hdd in tree	17'
✓ 10	<i>Falco sparverius</i> 13' 1/2 flying over 16'	
✓ 11	<i>Luscinia sere.</i> 20' 22' 23'	
✓ 12	<i>Passerella</i> 23' 24' 25' 26'	
✓ 13	<i>Acanthis lin.</i> 24' 1/2 all in group fl. on	
✓ 14	<i>Spizella monticola</i> 26'	
✓ 15	<i>Musula nig.</i> 30' in catapala tree,	
✓ 16	<i>Falco sp.</i> 30' low over tree	

CASH ACCOUNT. MARCH.

Date	Received.	Paid.
14'	19' 20' 30' (27' 28' 30')	
13'	16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26'	
17'	18' 20' 21' 23' 24' 25' 26' 27' 28'	
12'	16' 17' 18' 19' 20' 25' 26' 27' 30'	
8'	9' 10' 11' 12' 14' 16' 17' 18'	
	20' 22' 23'	
17'	as on 6. 5. P. in 20' (9. 1. 11.)	
18'	24' 27' 28'	
30'	flying low over mountain	
24'	25' 26' 27' 28' 30'	
27'	28' 29' 30'	

CASH ACCOUNT.

APRIL.

Date.Date.

CASH ACCOUNT.

APRIL.

Birds noted in our Garden

CASH ACCOUNT. MAY.

Date	Received.	Paid.
✓ 1	<u>Merula</u> 13 [♀] calling and ^{with} ^{young} ^{near} 27 ¹ / ₂ 28 ¹ / ₂	
✓ 2	<u>Vireo ol.</u> 13 ¹ ^{gallies} ^{at} 27 ¹ / ₂ 30 ¹ / ₂	
✓ 3	<u>Cyanocitta</u> 13 ¹ in ^{leaves} 27 ¹ / ₂ do.	
✓ 4	<u>Antrostomus vociferans</u> May 19 ¹ / ₂ heard	
✓ 5	<u>Turdus swainsoni</u> 27 ¹ / ₂ singing 2 others ^{under the} ^{formosa.}	
✓ 6	<u>Dendroica castanea</u> 27 ¹ / ₂ Haidson ♂	
✓ 7	<u>Icterus galbula</u> 27 ¹ / ₂ in distance ^{trounds}	
✓ 8	<u>Chaetura pelagica</u> 27 ^②	

CASH ACCOUNT. MAY.

Date.	Received.	Paid.
at 7.10 P.M. singing in Garden, by <u>William Deane</u>		
18 ¹ / ₂ ^{early} ⁱⁿ ^{the} ^{morning}		
singing freely all day, at first in ^{the} ^{top} ^{of} ^{Gondara,}		
later in ^{the} ^{jungle} ^{among} ^{(Teary - teary - tea} ⁱⁿ ^{the} ^{leaves,} ^{coming} ^{and} ^{going)}		
in Dodge place. 28 ¹ / ₂ ^{early} ⁱⁿ ^{the} ^{morning}		

Birds noted in our Garden

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
✓ 1	<u>Merula mig</u> 7' 17	on June 17	20'
✓ 2	<u>Tris olivacea</u> 7' x 20'		
✓ 3	<u>Hydromor lindosissima</u> 7' x 11.5	in June	
✓ 4	<u>Cyanocitta cristata</u> 7' 17	2 June	20'
✓ 5	<u>Chaetura pelagica</u> 7' 2	in June	
6	<u>Parus downsi</u> 7' 12		

CASH ACCOUNT. JUNE.

Birds noted in our Garden.

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
✓ 1. <i>Merula migr</i>	1 ^x 2 ^x 3 ^x 8 ^{juv} 4 ^x 5 ^x 8 ^x 10 ^x	
✓ 2. <i>Spiraea hirsuta</i>	1 (2nd ad) 2 ^x 3 ^x 4 ^x 5 ^x 8 ^x 9 ^x	
✓ 3. <i>Cyanocitta</i>	1 ^x 2 ^x 3 ⁽⁴⁾ (2 juv) 4 do. 5 do. 8 do.	
✓ 4. <i>Junco catulus</i>	1 4 early 2 4 do. 3 4 do. 4 4 5 6 8 4	
5. <i>Passer</i>	1 30 ⁺ in cherry 2 30 ⁺ 3 25 ⁴ do 5 do 10	
✓ 6. <i>Vireo ol.</i>	2 ^x 3 ^x 5 ^x 6 ^x 8 ^x 9 ^x 10 ^x 11 ^x	
✓ 7. <i>Tyrannus</i>	2 ^x 3 ^x 4 ^x 5 ^x 10 ^x 1 ^x 8 ^x 9 ^x 10 ^x 11 ^x	
✓ 8. <i>Colaptes</i>	2 ^x 3 ^x 8 ^x 9 ^x 11 ^x 13 ^x 16 ^x	
✓ 9. <i>Chaetura</i>	2 ^{hd} 3 ⁽⁴⁾ 4 2 3 ⁽²⁾ 8 ⁽³⁾ 10 ^x 11 ^x 12 ^x	
✓ 10. <i>Megascops</i>	2 young. 3 1 young (Catalpa 5 more)	
✓ 11. <i>Sitta Carolinensis</i>	5 ^x	9 5 in Catalpa 10 1 in cherry 13 2 in Catalpa 18 1 juv in Catalpa 25 3 juv in cherry
✓ 12. <i>Vireo gilvus</i>	16 ^x (8 do. 8 juv)	
✓ 13. <i>Hirundo ludovic.</i>	20 ^{early} 20 ^{even}	
✓ 14. <i>Trochilus</i>	2 3 2 w.t.	
✓ 15. <i>Dolichonyx</i>	23 ^{hd} 31 ^{hd} 31 ^{hd}	

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
11 ^x 12 ^x 13 ^x 15 ^x 16 ^x 17 ^x 19 ^x 20 ^x 23 ^x 25 ^x 26 ^x		
10 ^(5 do) 11 ^{do} 12 ^{do} 13 ^x 15 ^x 16 ^x 17 ^x 19 ^x 20 ^x 22 ^x		
9 ^{do} 10 ^{do} 12 ^x 13 ^x 17 ^x 18 ^x 19 ^x 20 ^x 24 ^x 26 ^x 27 ^x		
10 ³ 19 ^{1st} 20 ² 25 ^{hd} 31 ^(2 on lawn)		
12 13 ["] 20 23		26 ^x 27 ^x 30 ^x 31 ^x
12 ^x 13 ^x 16 ^x 17 ^x 19 ^x 20 ^x 23 ^x 24 ^x 25 ^x		
13 ^x 19 ^x 22 ^x 23 ^x 24 ^x 25 ^x		
19 ^x 20 ^x 30 ^x		
13 ⁽³⁾ 15 ^{hd} 16 ⁽³⁾ 17 ^{hd} 18 ^{hd} 19 ^{hd} 24 ^{hd} 25 ^x 26 ^x 30 ^x 31 ^x		
4 4 juv (do.) 5 4 juv in cherry 7 4 juv in cherry 8 ad in cherry		
10 4 juv in cherry 11 4 juv in cherry 12 4 juv in cherry		
14 4 juv in cherry 15 do 16 4 juv in cherry 17 4 juv in cherry		
19 4 juv in cherry 20 4 juv in cherry 22 1 ad in cherry 23 do 24 2 juv in cherry		
26 1 ad in cherry 27 1 juv in cherry 29 1 juv in cherry 30 1 ad in cherry		
31 2 juv in cherry 2 young on Parden offl stump. Megascops		

Birds noted in our Garden.

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.
✓ 1	Merula 1 st 2 nd 3 rd 6 th at 7 th morning	
✓ 2	Cyanocitta 1 st 2 nd 3 rd 6 th 7 th 8 th 9 th	
✓ 3	Contopus virens 25 th juv. 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 4	Megascops 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 6	Chaetura 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 7	Corvus am. 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 8	Tyrannus 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 9	Sciurus nov. 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 10	Colaptes 6 th 9 th 10 th 13 th 14 th 15 th 24 th	
✓ 11	Dryobates pub 14 th 15 th 16 th 26 th 29 th	
✓ 12	Trochilus 6 th 24 th 28 th	
✓ 13	Empidonax flav. 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 14	Icterus gal. 6 th 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 15	Dolichonyx 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 16	Dend. aestiva 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 17	Sparus tristis 10 th 12 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 18	V. olivaceus 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 19	Zonotrichia 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	
✓ 20	Vireo flavifrons 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th	

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.
9 th 10 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th		
10 th 12 th 14 th 15 th 16 th 17 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th		
13 th 24 th 25 th 26 th 27 th 29 th 30 th		
13 th 24 th 25 th 26 th 27 th 28 th 29 th 30 th		
21 st 28 th 31 st		
22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th		
23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th		
24 th 25 th 26 th 27 th 28 th 29 th 30 th		
25 th 26 th 27 th 28 th 29 th 30 th		
26 th 27 th 28 th 29 th 30 th		
27 th 28 th 29 th 30 th		
28 th 29 th 30 th		
29 th 30 th		
30 th		

Concord Notes

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.
13	Heavy flight of Warblers mostly D. striata	
15	Almost no birds about	
16	Another bird wave of fair volume mostly of Blackpolls. One Bay Breasted	
17	Country flooded with migrants. Blackpolls swarming. 1 Cape May W. & 1 D. caerulescens. Rusty Blackbird. Crows & White-throated Sparrows. Canada Thrushes abundant. Delaware & Maryland Geese seen. Only 2 Bats in shed left.	
19	Bald Eagle at B. H.	
22	Deluge of my Blackpolls & D. virens	
24	Sassaparilla & Red Maple foliage turning red	
25	One Bat in shed left	
26	" " " "	
27	Many red maples in full glory of autumn colors. This of course.	
29	Big buck in field along road near farm house at 5.30 P.M. (raining)	
"	One Bat in shed left.	
30	Big Weasel hunts Rat in Caber. Fish hawk on Deer Hill. Red maples full of fruit at Bunk Id. & Holliston.	

Birds in our Garden.

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.
✓ 1	Merula 23 ⁵ 30 ³	
✓ 2	D. striata 23 ⁵ 30 ⁶	
✓ 3	Swainson 23' 30'	
✓ 4	Cyanocitta 23' 30'	
✓ 5	Parus atr. 23 ^{hd}	
✓ 6	Cowbird am. 23 ¹²	
✓ 7	Megascops 23 ^{partial} 24 ^{do} 25 ^{do} 26 ^{do}	
✓ 8	Turdus swainsoni 30' typical - large	
✓ 9	" bicknelli 30' typical & very small as large as a Chipping.	
✓ 10	Anthus h. h. 30' in the garden by Museum.	
✓ 11	Comp. am. usnea 30' 4 in birch grove.	
✓ 12	Sparus tristis 30' 2 on sycamore	
✓ 13	Zon. alberta 30 ⁵	
✓ 14	Turdus hy. 30 ^{head} 30 ^{tail} 30 ^{wing} 30 ^{leg}	

Birds noted in our Garden.

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
✓ 1	<u>Merula mig.</u> 8'		
✓ 2	<u>Dend. coronata</u> 8'		
✓ 3	<u>Turdus</u> 8'		
✓ 4	<u>Troglodytes</u> al. 8 ⁵		
✓ 5	<u>Spizella tristis</u> 8 ²		
✓ 6	<u>Cyanus</u> 8'		
✓ 7	<u>Colaptes</u> 8'		

CASH ACCOUNT. OCTOBER

[illegible]

Birds in our Garden

CASH ACCOUNT. NOVEMBER.

Date	Received.	Paid.
✓ 1 Chickadee 3 ³ + 5 ³ 6 ² 7 ⁴ 8 ⁴ 9 ⁴		
✓ 2 Blue Jay 5 ¹ + 3 ² 6 ² 7 ² 8 ² 9 ²		
✓ 3 Wren 5 ¹ 7 ¹ 9 ¹ 10 ¹		
✓ 4 Goldfinch 5 ¹ 6 ³ 7 ³ 9 ³ 11 ³		
✓ 5 Fox Sparrow 5 ¹ 9 ¹ 10 ¹ 20 ¹ 21 ¹ 23 ¹		
✓ 6 Titmouse 5 ¹ 6 ¹⁰ 7 ¹ 8 ⁴ 9 ³ 10 ³		
✓ 7 Thrasher 5 ¹ 6 ¹ 11 ¹ 23 ¹ 27 ¹		
✓ 8 Grosbeak 5 ¹ 6 ³ 7 ³ 8 ¹ 9 ³ 10 ¹ 22 ¹		
✓ 9 Br. Creeper 5 ¹ 6 ¹ 7 ¹ 22 ¹ 27 ¹ on pear tree		
✓ 10 House Sparrow 5 ¹ 12 ¹ 6 ¹ 7 ³⁰ + 8 ¹² + 9 ²⁰		
✓ 11 Hairy W. [5 ¹ in maple 6 ¹ in oak 7 ¹ do.]		
✓ 12 Red-bellied Nuthatch 6 ¹ feeding 7 ¹ bathing		
✓ 13 Hermit Thrush 6 ¹ 2 front of house 7 ¹ house		
✓ 14 Scarlet Tanager 7 ¹ bathing in pond 9 ¹		
✓ 15 Herring Gull 7 ¹ 8 ¹ 35 ¹ 11 ¹ 22 ¹		
✓ 16 Crow 8 ⁴ 10 ¹ 23 ³ 27 ¹		
✓ 17 Ruby-crown Kinglet 23 ¹ in shrub		

CASH ACCOUNT. NOVEMBER.

Date	Received.	Paid.
10 ² 11 ² 21 ³ 22 ¹ 23 ² 25 ²	27 ³ 28 ³ 30 ¹	
20 ¹ 21 ¹ 23 ¹ 25 ² 30 ²		
20 ¹ 21 ¹		
16 ³ 20 ⁶ 21 ⁴ 23 ² 24 ¹		
11 ³ 20 ⁴ 21 ³ 24 ¹ 25 ¹		
23 ¹ 28 ¹		
21 ¹⁰ 22 ¹⁰ 23 ¹² 24 ¹² 25 ¹² 26 ¹⁰ 27 ¹⁵ 28 ⁶		
16 ¹ 21 ¹ 21 ¹ 21 ¹ 21 ¹		
9 ¹ 9 ¹		

Birds in our Garden.

CASH ACCOUNT. DECEMBER.

Date	Received.	Paid.
✓ 1	Chickadee 1 ⁽³⁾ 2nd 5th 4 ¹⁵ 6 ¹⁵ 7 ⁽²⁾	
✓ 2	Junco 1 ⁹ 3 ¹ 23 ⁽³⁾ 29 ⁽²⁾	
✓ 3	Blue Jay 1 ⁽²⁾ 8 ¹ 9 ² 11 ¹ 13 ¹ 15 ¹ 17 ⁽³⁾	
✓ 4	Brown Creeper 2 ¹ 5 ¹ 20 ¹	
✓ 5	Screech Owl 2 ¹ (hd 6, 7) x Peregrine	
✓ 6	Crow 5 ¹ 8 ¹ 15 ¹ 17 ¹ 19 ¹ 20 ¹	
7	House Sparrow 1, 2, 3, 4 ¹² 5 ⁶ 7 ¹² 8 ¹⁰ 13	
✓ 8	Hairy Woodpecker 6 ¹ 9 ¹	
c.B. ✓ 9	Hudsonian Chickadee 8 ¹ in jungle 17 ¹ (see 1st list for 1st 8 ¹ for 1st 10 ¹)	
✓ 10	Flicker 8 ¹ 16 ¹ 29 ¹ 31 ¹	
✓ 11	Downy Woodpecker 10 ¹ 13 ¹ 20 ⁽³⁾	
✓ 12	Tree Sparrow 23 ⁽⁸⁾	

CASH ACCOUNT. DECEMBER.

Date	Received.	Paid.
8 ⁽²⁾ 9 ⁽²⁾ 10 ^{1st} 11 ^{do} 12 ^{do} 13 ^{do} 15 ^{ht} 16 ['] 17 ['] 20 ⁽²⁾ 23 ['] 31 ⁽³⁾		
19 ^{ht} 20 ['] 23 ⁽²⁾ 28 ['] 29 ['] 30 ²		
23 ⁽³⁾ 27 ^{ht} 30 ['] purched in lunders.		
17 ^{1st} 20 ^{1st} 23 ^{1st} 27 ^{8t} 28 ^{1st} 29 ^{1st}		
18 ^{ht} 23 ['] 31 [']		
23 ⁸ 28 ^{ht} 29 ^{ht} 31 ^{ht}		

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.		
FEB.		
MAR.		
APR.		
MAY.		
JUNE.		
JULY.		
AUG.		
SEPT.		
OCT.		
NOV.		
DEC.		

Miscellaneous Bird Notes of special interest

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.
13-23	From 1 to 15 <u>Purple Finches</u> in Garden		
22 nd	About 7 a.m. three <u>Evening Grosbeaks</u> (1 ♂ 2 ♀♀) were seen by Samuel Henshaw in "Apple Tree corner of Highland and Appleton Streets", Cambridge. He had them in full view "for perhaps half a minute" after which "they moved off across and down Appleton St. towards Brookline"		
	RECEIVABLE. (See his letter of Feb. 22)		

BILLS PAYABLE. FEBRUARY

Date.	NAME.	Dolls.	Cts.
12 th	Two Sparrow Hawks, ♂ & ♀, seen about 10 a.m. by Walter Deane in the old Greenleaf place on Brattle St. Cambridge. The ♂ flew about in a wide circle hovering & then alighted in a tree with the ♀. This, no doubt, is the same pair that reared young in the dead pear in the Smith place on Brattle Street last year.		

RECEIVABLE.

BILLS PAYABLE. MARCH

Date.	NAME.	Dolls.	Cts.
13	♂ Sparrow Hawk flying over our lawn at 3.30 P.M.		
14	♀ " " perched on top of big buttonwood in Smith place, 3 P.M.		
10	First Crocuses 2 white ones from garden		
14	" Snow drops, six, " " Museum		
18	" Honey Bee, at snow drops		
"	♂ & ♀ Sparrow Hawks Smith pl. - Boleynville		
19	First yellow crocuses		
"	RECEIVABLE. Bluebirds, Song Sparrows, 7 of Sp. Junco, Goldfinches Red-wings & a Thrasher, singing at W. Bulfinch		
31	First Tree Swallows (3)		
"	" Wood Thrush 3, Farm; 2 Benson's		
"	" Hylas, 3 Farm, 1 Benson's		
"	" Robin in field song at eve. "		
"	Alder in bloom		
"	First Butterflies - 2 small ones etc.		
"	" Spotted Towhee		
"	Flock 100+ over Blackbirds flying		
"	N. E. over farm at 5 P.M., very dry. Snow-drops & Squills in bloom		

BILLS PAYABLE. APRIL.

Date.	NAME.	Dolls.	Cts.
1	First hepaticas (front of cabin)		
7	Saw 2 horned blue Deer at Farm		
"	" 21 Black Ducks, Bedford br.		
"	First Pine Warbler *		
"	" Leopard Traps		
"	" full chorus of Hylas.		
"	Brown's pasture showing green		
13	Calypso in bloom		
15	First blood root		

RECEIVABLE.

"	First Garden Toads Trilling		
16	Flock 36 Geese going N. 4.20 P.M.		
"	Orange Salamander Percolated from		
"	First mosquito bites (2, in cabin)		
18	50+ Tree & Barn Swallows over house		
19	300+ " " " " " "		
20-21	Heavy flight Yellow Warblers		
21	Red. maples in fullest bloom		
22	Forsythia at Benson's full bloom, Corn.		
24	First tree caterpillars & moss ferns		
27	Viola, tulips & jonquils in bloom		
28	White maple, apple & barberry leaves unfolded		
	Forsythia in bloom at Farm		

BILLS PAYABLE. MAY.

Date.	NAME.	Dolls.	Cts.
1	" April bush began well ago & Silver Chords		
2	Hylas & Leopard Traps, ex. after 10.00 morning good, don		
2	First Chard bush in flower - River banks		
3	" Maryland 44. Ch. House W., House Wren		
"	" Least Flycatcher.		
4	" Over land, Water Thrush, Bald Eagle.		
10	Soon heard calling over B. H. & 10.00		
	First apple blossoms; Chard in full bloom		
	" Gypsy Mrs. Carver over on road		
11	" Towler's Food at 6.30 P.M.		

RECEIVABLE.

"	River maples in half leaf casting grateful shade		
12	Several apple trees in full bloom		
13	Towler's Food & Tree Food in full cry, 8 P.M.		
14	Several biting mosquitoes, B. H. & 7:		
15	River maples casting down shade B. H.		
"	Apple trees in nearly full bloom		
17	" " " fullest bloom. Big fresh leaves		
"	Prothonotary W. First Dragon Fly		
18	Mosquitoes bad this eve. for 1st time		
19	Willows in full bloom		
23	Apple blossoms nearly all gone		
31	First Bull-Tongue bellflower		

BILLS PAYABLE. JUNE.

Date.	NAME.	Dolls.	Cts.
1	Thousands of Dragon Flies appear		
"	First gen. Croaking Green Frogs		
2	" " " Bull "		
"	17 Bats, in shed at Farm		
"	Field Crickets chirping far & by		
3	Painted Frogs laying eggs.		
4	Many " " " "		
5	Lupines in fullest bloom.		
7	Rhododendrons in fullest bloom. Comb.		
17	RECEIVABLE. Black haw cherries fully ripe Comb. Garden		
"	Strawberries ripe " "		
"	Pair of Sparrows Hawks with brood of 3 young just out of nest & still fed with down. One seen to see their wings & feathers in the pen in Smith place - Walter Deane		
20	Fowler's Hawks in deafening chorus.		
"	Frogs & fire fly.		
22	Grand chorus Bull Frogs at night -		
"	" " Fowler's Hawks & Green Heron		
23	First Deer Fly.		
22	Box Tortoise caught on R. R. by Paul		
29	Thousands of Dragon Flies over land. Myriads of Agromedon over water of Lake in Cave 100 to 200 feet square. Lily pads crowded with them. First white water lilies in bloom in water		

BILLS PAYABLE. JULY.

Date	Name.	Dolls.	Cts
9 ^{Sept}	First Cicada - Intense heat.	Cherish	
	almost gone. Tiny mosquitoes here		
14	Pond lilies & peonies now fullest bloom. Flowers unusually numerous Deer this way bad. Dragon flies still swimming Caddis no more Birds still singing freely. Bull & Green frogs in full cry at night Plenty of ripe raspberries		
16	RECEIVABLE Thousands of Towhee birds no bigger than pin heads appeared in pond front & garden today I think they hatched since showing two Golden Pheasants walking carelessly across through early July & first time their nests of 12 eggs		
20	Butter bushes full bloom Bull Frogs in full voice Still also Green frogs Gypsy moths laying by thousands. Raspberry season in height. Hawberry " " Blackberry beginning to ripen also Currant		
23	Two Hummers in Garden - The first obvious migrants of the summer there.		
27	Lots of golden rod in bloom		
28	Hight blackberry season & big crop. Laying salmon gyp moth Eaten most beetle in Procellaria house Bull Frogs & Green frogs still in full cry		

BILLS PAYABLE. AUGUST.

Date.	NAME.	Dolls.	Cts.
3	Song & Swallow Sp. only birds singing Blue Tings silent; Gray Jays too		
8	First Tree Cricket - Burlington, 8 P.M.		
11	Frogs wholly silent. Only one bird song, a Song Sparrow, over Lester Lee's pasture. Goldenrod Blackberry Hawthorn green.		
12	10 big Toads in Garden, 7 in Sycamore in middle north at 6.45 P.M.		
	RECEIVABLE -		
15	Several Tree Crickets in chorus this evening Marked increase in Garden Bush life. Yellow-bellied Flycatcher, Veery, etc. etc.		
16	2 Water Thrushes appear in Garden.		

BILLS PAYABLE. SEPTEMBER.

Concord

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls.	Cts.
5	Gorgeous autumn coloring. That of red maples, tupelos, beeches, & Sassafras about at maximum to-day. Cicada flying, Wood Thrush croaking. 1 Bat still in shed left.		
4	Other in river before cabin 7.30 P.M.		
6	Maple foliage faded & falling		
14	Maple " all down		
"	Hickory " faded. Blueberry & log still fine.		
"	Pulling ^{RECEIVABLE.} Baldern & blue pearmain apples.		
7-15	Pine needles falling.		
16	Oak foliage coloring fast. First ice		
17	⑨ Gull in river off cabin.		
18	2 Deer (big doe & little one) at 7 am		
"	Finished picking apples (began 14 th)		
21	Coloring of oaks about its best.		
31	Linnies, Sweet in. Cocksfoot. Nasturtium & hollyhocks still in bloom. Many reddish Dragon Flies in evening. Woods bare of foliage.		

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.
2	Arrived in Cambridge.		
3	Ground hard frozen, Therm 28° to 26°		
5-16	No frost. Many days very mild.		
18	First snow-flakes. Ground hard frozen yesterday & to-day. "Finger cold" started 11 Partridge at 7 am on the 17 th ^(W) ₁₈ Saw large doe that evening		

RECEIVABLE.

BILLS PAYABLE. DECEMBER.

[illegible]

MEMORANDA

MEMORANDA.

Date.

Dolls.	Cts.
1	00
2	00
3	00
4	00
5	00
6	00
7	00
8	00
9	00
10	00
11	00
12	00
13	00
14	00
15	00
16	00
17	00
18	00
19	00
20	00
21	00
22	00
23	00
24	00
25	00
26	00
27	00
28	00
29	00
30	00
31	00
32	00
33	00
34	00
35	00
36	00
37	00
38	00
39	00
40	00
41	00
42	00
43	00
44	00
45	00
46	00
47	00
48	00
49	00
50	00
51	00
52	00
53	00
54	00
55	00
56	00
57	00
58	00
59	00
60	00
61	00
62	00
63	00
64	00
65	00
66	00
67	00
68	00
69	00
70	00
71	00
72	00
73	00
74	00
75	00
76	00
77	00
78	00
79	00
80	00
81	00
82	00
83	00
84	00
85	00
86	00
87	00
88	00
89	00
90	00
91	00
92	00
93	00
94	00
95	00
96	00
97	00
98	00
99	00
100	00

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

ADDRESSES.

NAME. Mrs. S. N. White (Marjorie Carter)
STREET, No. 10 Sudbury Road
CITY. Concord

TELEPHONE No.

NAME. Dorothy Carter
STREET, No. 21 Berkeley St. (Mrs. Vaughan)
CITY. Cambridge.

TELEPHONE No.

NAME. Mrs. Thos. Swasey Farley (Pauline
Greenwood)
STREET, No. Greenwood Farm

CITY. South Euclid, Ohio

TELEPHONE No. (Send her Purdie Memorial)

NAME. F. W. Ulrich

STREET, No.

CITY. Port of Spain, Trinidad.

TELEPHONE No.

NAME. E. H. Davis

STREET, No. 198 Bellingham Ave.

CITY. Beaumont, Mass.

TELEPHONE No.

ADDRESSES.

NAME. George H. Sealey
STREET, No. (Artist - Photographer)
CITY. Stockbridge, Mass.

TELEPHONE No.

NAME. Robert Ridgway
STREET, No. 3353, 18th St., N.W.
CITY. Washington, D.C.

TELEPHONE No.

NAME. Evelyn Purdie of Mrs. B. H. Nash
STREET, No. 252 Beacon St.

CITY. Boston of Mrs. B. H. Nash.

TELEPHONE No.

NAME. William J. Brewster } forwarding
STREET, No. Care of H. A. Cluskey } address
CITY. 43 Cedar St. New York City } Sat. Jan 1912

TELEPHONE No.

NAME. Robert A. Andrews
STREET, No. 60 State
CITY. Boston

TELEPHONE No.

ADDRESSES.

NAME. *Geo. V. Levere*
 STREET, No. *15- Day St., N. Y.*
 CITY.
 TELEPHONE No.

NAME. *C. F. B.*
 STREET, No. *Wildmere Hotel,*
 CITY. *Minneapolis*
 TELEPHONE No. *Alta Co., N. Y.*

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No

ADDRESSES.

NAME.
 STREET No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

CALLS.

Rec'd.

NAME.

Returned.

Birds noted at Bethel, Maine
CALLS. Jan'y 3-5.

Rec'd.	NAME.	January	Returned.
1	<u>Parus atricapillus</u>	3 (2) (3) 4 (3) (5) (6) 5	5
2	" <u>hudsonianus</u>	3' (2)	
3	<u>Sitta Canadensis</u>	3 2 4 (2) (2) (3) (3)	
4	<u>Troglodytes pubescens</u>	3' at 4' at	5' at
5	<u>Acantio linaria</u>	3 (30) also	4 (12) also
6	<u>Dorcia leucophaea</u>	3	hel on
7	<u>Bonasa n. logata</u>	3	hel on
8	<u>Syrnium nebulosum</u>	2	hel on
9	<u>Cophocoma plicatus</u>	4	hel on
10	<u>Cyanocitta cristata</u>	4	hel on
11	<u>Pinicola canadensis</u>	4	hel on
12	<u>Regulus satrapa</u>	4	hel on

Lanius borealis seen by Dr. S. about
December 28 last.

Corvus am? Two ladies at Dr. S. saw
them they saw & heard 2 Corvus on Jan 1.

Red Squirrel. Literally swarming in
the woods. Many seen in hand &
their tracks found everywhere.

CALLS.

Rec'd. NAME. Returned.

Birds noted at Glendale, Mon.

CALLS. June 8-17

Rec'd	NAME.	Returned.
1.	<u>Turdus mus.</u>	8' 9' 10 ² 11' 12'
2.	" <u>fusca</u>	9' 11' 13' 14'
3.	<u>Mniotilta</u> mig.	8' 9 ² 10' 11' 12'
4.	<u>Sitta carolin</u>	8 th . 14 th .
5.	<u>Mniotilta</u>	9' 10 ² 12' 13 ² 14'
6.	<u>D. virens</u>	8' 9 ² 10 ² 11 ² 12'
7.	" <u>caerulea</u>	9' 10' 11' 12' 13'
8.	" <u>blackburni</u>	9' 10' 11' 12'
9.	" <u>maculosa</u>	9' 10' 11' 12'
10.	<u>Suophaga</u>	8' 9' 10' 11' 13' 14'
11.	<u>S. trichas</u>	9'
12.	<u>Vireo ol.</u>	8 ² 9 ² 10 ³ 11 ² 12 ²
13.	<u>Piranga</u>	9' 10' 11' 12' 14'
14.	<u>Mel. melodia</u>	9' 10' 11' 12'
15.	<u>Spirilla</u> Soc.	8' 9' 10' 11' 12'
16.	<u>Par. cyaneus</u>	8' 9' 10' 11' 12'
17.	<u>Sturnus americanus</u>	8' 9 ² 10' 11 ² 12 ²
18.	<u>Corvus am.</u>	9' 10 ² 11 ² 13' 14'
19.	<u>Cyanocitta</u>	9' 10 ² 11 ² 12 ²
20.	<u>Icterus galbula</u>	9' 14 ² 15' 16'

CALLS.

Rec'd.	NAME.	Returned.
13' 14' 16'		
16'		
12' 13' 14' 15' 16' 17'		
13 ² 14 ² 16 ²		
14' 15' 16'		
13 ² 14' 15' 16' 17'		
13 ² 14 ² 15 ² 16 ²		
15' 16' 17'		
13 ² 14 ² 15 ² 16 ²		
14' 17 ²		
12' 14' 15' 17'		
13' 14' 15' 16'		
13 ² 14 ² 15 ² 16 ²		
15' 16'		
13 ² 14 ² 15 ² 16 ²		

(Same bird, on apple tree, was here)

Birds noted at Glendale

CALLS. June 8

Rec'd.	NAME.	Returned.
21.	<u>Contopus vir.</u> 10 ¹ / ₂ 11 ¹ / ₂	
22.	<u>Myiarchus cin.</u> 9 ¹ / ₂ 10 ² / ₂ 11 ² / ₂ 12 ² / ₂	
23.	<u>Ampelis ced.</u> 9 ⁴ / ₄ 12 ^{hd.} 14 ^{do} 15 ^{do}	
24.	<u>Tyrannus</u> 9 ² / ₂ 16 ¹ / ₁	
25.	<u>Chaetura</u> 8 ² / ₂ 9 ³ / ₃ 10 ³ / ₃ 11 ⁴ / ₄ 12 ⁴ / ₄	
26.	<u>Catoptes</u> 10 ^{hd.} 11 ¹ / ₂ 12 ¹ / ₂ 13 ¹ / ₂ 14 ¹ / ₂	
27.	<u>D. pennsylvanicus</u> 10 ¹ / ₂ 14 ¹ / ₂ 16 ¹ / ₂	
28.	<u>Spin. pusilla</u> 10 ¹ / ₂ 14 ¹ / ₂ 16 ¹ / ₂	
29.	<u>Hirundo erythra</u> 10 ³ / ₃	
30.	<u>Bonasa im.</u> 10 ^{2.00} / _{2.00} with	
31.	<u>Sayornis</u> 10 ¹ / ₂ 11 ¹ / ₂ ^{early} ^{and young} 11 ⁱⁿ ^{fresh}	
32.	<u>Trochilus</u> 9 ¹ / ₂ ^{as} 11 ⁷ / ₇ ^{do} 12 ¹ / ₂ ^{do}	
33.	<u>Spinus tristis</u> 12 ¹ / ₂	
34.	<u>Buteo pennsylvanicus</u> 11 ¹ / ₂ 12 ¹ / ₂ 15 ¹ / ₂	
35.	<u>Vireo solitarius</u> 11 ¹ / ₂ 12 ¹ / ₂ 14 ¹ / ₂	
36.	<u>Empidonax hammondi</u> 13 ¹ / ₂	
37.	<u>Parus albi</u> 13 ¹ / ₂ 14 ^{hd.} 15 ¹ / ₂ 17 ¹ / ₂	
38.	<u>Buteo lin.</u> 14 ² / ₂	
39.	<u>Geothlypis trichas</u> 8 ¹ / ₂ 14 ¹ / ₂ 16 ¹ / ₂	
40.	<u>Carpodacus pur.</u> 14 ¹ / ₂	

CALLS

Rec'd.	NAME.	Returned.
13 ¹ / ₂ 14 ¹ / ₂ 15 ¹ / ₂ 16 ¹ / ₂		
16 ² / ₂		
14 ⁴ / ₄ 15 ⁴ / ₄ 16 ² / ₂		
15 ¹ / ₂ 16 ¹ / ₂ 17 ¹ / ₂		
14 ^{do} 16 ^{do}		
16 ¹ / ₂		
15 ¹ / ₂ 16 ¹ / ₂		
17 ¹ / ₂	<u>Dend. aestiva</u>	
17 ⁴ / ₄	<u>Dolichonyx</u>	
17 ¹ / ₂	<u>Sturnella</u>	
17 ¹⁰ / ₁₀	<u>Am. calva</u>	
17 ¹ / ₂	<u>Emp. min.</u>	

Stacked by

CALLS. June 18-19

Rec'd.

NAME.

LETTERS.

[illegible]

LETTERS.

LETTERS.

Rec'd.

NAME.

Answered.

Gypsy Moth Conditions

July 28, 1912 LETTERS. Concord, Mass.

Rec'd.

NAME.

Answered.

Ball's Hill Region

Oaks & pines across river clean.

Cut brown tails & renew tanglefoot.

No need to spray in 1913.

Ball's Hill. A few nests on oaks close to cabin hardly any elsewhere. Crossed this river & cut brown tails. Don't spray.

Rear of Ball's Hill. Two oaks by vegetable garden infested (crossed nests & renew tanglefoot). Very few nests in pine grove or maples by house.

Oak ridge west side of house but badly infested. No need to spray if brown tails are cut.

Pine Park perfectly clean.

Blackman Ridge & Benson's Knoll with all woodlands perfectly clean.

No gypsies or brown tails seen there. Nothing to do but cut brown tails.

Holden's Hill. Two nearly dead

hedgehogs.

Gypsy Moth Conditions

July 28, 1912 LETTERS. Concord, Mass.

Rec'd.	NAME.	Answered.
--------	-------	-----------

Bali Hill Region

Pine Hill. Top with north & west sides nearly clear. Cut hard wood spruces & let rest go. East slope moderately, south slope very badly infested. Have Pine spray every thing south & east of roadway to edge of swamp & river meadows including pine forest of cork grove. All superfluous trees should be cut this autumn including pines & firs east of locusts. The colony is a bad one & must be stopped.

Davis Hill. Shocking bad. Oaks plastered with egg & air alive with fly in egg. Only a few nests on pines. There should be complete removal again. All big oaks should be cut. Second growth oaks on S. slope can be saved by spraying.

Gypsy Moth Conditions

July 28, 1912 LETTERS.

Rec'd.	NAME.	Answered.
--------	-------	-----------

The Town Region

Prescott Pines. General infestation bad among & near hardwoods. There should be cut out everywhere.

Birk Field. Bad all over. Cut lots of firs & have Drum Spring.

Oaks at & near Spring. Clean Juniper & cut birches only.

Pulpit Rock woods. Rather bad. Cut out all super. oaks & firs. Wood edge near park orchard.

Road long oak clean. Remove complete & cut Grand Oaks. Low growth along righting cut poth badly infested. Have Drum Spring at thoroughly & also very untreated.

Gyfting North Conditions

July 28, 1912. LETTERS. General, Nov.

Rec'd.	NAME.	Answered.
--------	-------	-----------

The Farm

Lower property chain } also
Oak grown by farm " } orchards.
Some timber in boggy low ground

Work to be done in 1913.

Spraying. Have Pines cut brown tails
across river, on Ball's & Beckman
Ridge, oaks by Spring & at Farm &
in Berry pasture. Have been spraying
only on Pine Hill & close to Farm.
Have Dunes spray along cut road
from Farm to Benson's & the
whole of Birch Field.
Tanglefoot (Pine) big trees across
river, big oak E. of Ball's Hill, 3
oaks west of hill, pines on Davis
Hill, Oaks near Spring & in
new forest park enclosed at Farm.

Roses at D. C. French's
June 1912.

White Brimmer. Cherry red.
Mrs. John Baird. Soft pink
Conrad Mayer. Silvery "
Kova Zumbler. Red.

xx Prince Camille de Rohan. Dark
intensely red.

xx Fran Karl Dressler. Very white

xx Persian Yellow

(All the above came from
Hersford's nursery. They are
the best roses I ever saw /

Winter - flowering bulbs strongly
recommended by D. Gehring

* Tulip "Jules Janin"

Narcissus Poetas Profusion
" " Triumph

Bats in shed kept at Yarn.

May 4. Four (Ten farer)

" 7. "

